

ISO 20022

## Card Payments Exchanges - Acceptor to Acquirer - ISO - Latest version

# Message Definition Report - Part 2

Approved by the Cards and Related Retail Financial Services SEG  
on 4 February 2020

This document provides details of the Message Definitions for Card Payments Exchanges - Acceptor to Acquirer - ISO - Latest version.

27 February 2020

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# 1 Message Set Overview

## Introduction

Set of messages that support transactions and services that are related to card payments between a card acceptor and a card transaction acquirer. It includes the authorisation, cancellation and capture of card transactions.

## 1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
caaa.001.001.09 AcceptorAuthorisationRequestV09	The AcceptorAuthorisationRequest message is sent by an acceptor (or its agent) to the acquirer (or its agent), to check with the issuer (or its agent) that the account associated to the card has the resources to fund the payment. This checking will include validation of the card data and any additional transaction data provided.
caaa.002.001.09 AcceptorAuthorisationResponseV09	The AcceptorAuthorisationResponse message is sent by the acquirer (or its agent) to an acceptor (or its agent), to return the result of the validation made by issuer about the payment transaction.
caaa.003.001.09 AcceptorCompletionAdviceV09	The AcceptorCompletionAdvice message is sent by an acceptor (or its agent) to notify the acquirer (or its agent) of the outcome of the payment at the acceptor, and to transfer the financial data of the transaction to the acquirer (capture).  A AcceptorCompletionAdvice message is also sent to reverse an approved authorisation and any associated financial transfer (capture), if the card payment transaction could not be completed successfully.
caaa.004.001.08 AcceptorCompletionAdviceResponseV08	The AcceptorCompletionAdviceResponse message is sent by the acquirer (or its agent) to acknowledge the acceptor (or its agent) of the outcome of the payment transaction, and the transfer the financial data of the transaction contained in the completion advice.
caaa.005.001.09 AcceptorCancellationRequestV09	The AcceptorCancellationRequest message is sent by an acceptor (or its agent) to the acquirer (or its agent), to request the cancellation of a successfully completed transaction. Cancellation should only occur before the transaction has been cleared.
caaa.006.001.08 AcceptorCancellationResponseV08	The AcceptorCancellationResponse message is sent by the acquirer (or its agent) to an acceptor (or its agent), to return the outcome of the cancellation request. If the response is positive, the acquirer has voided the financial data from the captured transaction.
caaa.007.001.09 AcceptorCancellationAdviceV09	The AcceptorCancellationAdvice message is sent by an acceptor (or its agent) to notify the acquirer (or its agent) of the cancellation of a successfully completed transaction. The transaction has been completed without financial transfer, or the acceptor is aware that the transaction was not cleared by the acquirer.
caaa.008.001.08 AcceptorCancellationAdviceResponseV08	The AcceptorCancellationAdviceResponse message is sent by the acquirer (or its agent) to acknowledge the

MessageDefinition	Definition
	acceptor (or its agent) about the notification of the payment cancellation.
caaa.009.001.08 AcceptorReconciliationRequestV08	<p>The AcceptorReconciliationRequest message is sent by an acceptor (or its agent) to the acquirer (or its agent), to ensure that the debits and credits performed by the acceptor matches the computed balances of the acquirer for the debits and credits performed during the same reconciliation period.</p> <p>If the acceptor or the acquirer notices a difference in totals, the discrepancy will be resolved by other means, outside the scope of the protocol.</p>
caaa.010.001.07 AcceptorReconciliationResponseV07	<p>The AcceptorReconciliationResponse message is sent by the acquirer (or its agent) to an acceptor (or its agent), to ensure that the debits and credits performed by the acceptor matches the computed balances of the acquirer for the debits and credits performed during the same reconciliation period.</p> <p>If the acceptor or the acquirer notices a difference in totals, the discrepancy will be resolved by other means, outside the scope of the protocol.</p>
caaa.011.001.09 AcceptorBatchTransferV09	The AcceptorBatchTransfer is sent by an acceptor (or its agent) to transfer the financial data of a collection of transactions to the acquirer (or its agent).
caaa.012.001.08 AcceptorBatchTransferResponseV08	The AcceptorBatchTransferResponse is sent by the acquirer (or its agent) to inform the acceptor (or its agent) of the transfer in a previous AcceptorBatchTransfer of a collection of transactions.
caaa.013.001.08 AcceptorDiagnosticRequestV08	The AcceptorDiagnosticRequest message is sent by an acceptor (or its agent) to the acquirer (or its agent), to check the end-to-end communication, to test the availability of this acquirer, or to validate the security environment.
caaa.014.001.07 AcceptorDiagnosticResponseV07	The AcceptorDiagnosticResponse message is sent by the acquirer (or its agent) to provide to the acceptor the result of the diagnostic request.
caaa.015.001.06 AcceptorRejectionV06	The AcceptorRejection message is sent by the acquirer (or its agent) to reject a message request or advice sent by an acceptor (or its agent), to indicate that the received message could not be processed.
caaa.016.001.07 AcceptorCurrencyConversionRequestV07	The AcceptorCurrencyConversionRequest message is sent by the card acceptor to the currency conversion service provider to request if the cardholder is able to pay in the currency of its card.
caaa.017.001.07 AcceptorCurrencyConversionResponseV07	The AcceptorCurrencyConversionResponse message is sent by currency conversion service provider to the card acceptor to return the result of a potential currency conversion for the cardholder.
caaa.018.001.04 AcceptorCurrencyConversionAdviceV04	The AcceptorCurrencyConversionAdvice message is sent by the card acceptor to inform the currency conversion service provider of the outcome of the card currency conversion.
caaa.019.001.03 AcceptorCurrencyConversionAdviceResponseV03	The AcceptorCurrencyConversionAdviceResponse message is sent by the service provider to

MessageDefinition	Definition
	acknowledge the acceptor about the notification of the reception of the currency conversion advice.
caaa.020.001.01 TransactionAdviceV01	The TransactionAdvice message is sent by the Acquirer (or Agent) to provide to the POI the outcome of a transaction processed outside of this protocol.
caaa.021.001.01 TransactionAdviceResponseV01	The TransactionAdviceResponse message is sent by the POI to acknowledge the Acquirer (or its agent) about the notification of the transaction advice.

## **2        caaa.001.001.09           AcceptorAuthorisationRequestV09**

### **2.1      MessageDefinition Functionality**

The AcceptorAuthorisationRequest message is sent by an acceptor (or its agent) to the acquirer (or its agent), to check with the issuer (or its agent) that the account associated to the card has the resources to fund the payment. This checking will include validation of the card data and any additional transaction data provided.

#### Outline

The AcceptorAuthorisationRequestV09 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
    Authorisation request message management information.
- B. AuthorisationRequest  
    Information related to the authorisation request.
- C. SecurityTrailer  
    Trailer of the message containing a MAC.

## 2.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrAuthstnReq>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			18
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		18
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		19
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		20
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		20
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		20
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		20
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		20
	<b>Traceability</b> <Tracblt>	[0..*]	±		21
	<b>AuthorisationRequest</b> <AuthstnReq>	[1..1]			21
	<b>Environment</b> <Envnt>	[1..1]			29
	<b>Acquirer</b> <Acqrr>	[0..1]	±		34
	<b>Merchant</b> <Mrchnt>	[0..1]			34
	<b>Identification</b> <Id>	[0..1]	±		34
	<b>CommonName</b> <CmonNm>	[0..1]	Text		35
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		35
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		35
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		36
	<b>POI</b> <POI>	[0..1]			36
	<b>Identification</b> <Id>	[1..1]	±		36
	<b>SystemName</b> <SysNm>	[0..1]	Text		37
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		37
	<b>Capabilities</b> <Cpblties>	[0..1]	±		37
	<b>TimeZone</b> <TmZone>	[0..1]	Text		38
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		38
	<b>Component</b> <Cmpnt>	[0..*]	±		39
	<b>Card</b> <Card>	[0..1]			41
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		42
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		42

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		42
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		43
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		43
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		43
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		43
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		43
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		44
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		44
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		44
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		44
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		44
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		44
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		45
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		45
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		45
	<b>Wallet</b> <Wlt>	[0..1]	±		45
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		45
	<b>Cardholder</b> <Crhdldr>	[0..1]			46
	<b>Identification</b> <Id>	[0..1]			50
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		50
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		50
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		51
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		51
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		51
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		51
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		51
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		51
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		51
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		51
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		52
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		52

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		52
	<b>Department</b> <Dept>	[0..1]	Text		52
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		52
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			52
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		52
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		53
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		53
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	53
	<b>Other</b> <Othr>	[0..*]	±		53
	<b>Name</b> <Nm>	[0..1]	Text		53
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	53
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		54
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		54
	<b>TripNumber</b> <TripNb>	[0..1]	Text		55
	<b>Vehicle</b> <Vhcl>	[0..1]	±		55
	<b>Authentication</b> <Authntcn>	[0..*]			56
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		58
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		59
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		60
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		60
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			60
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		60
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		61
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		61
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			61
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		62
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		62
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		62
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		63
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		63
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		63

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		63
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		63
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		63
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		63
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		63
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		64
	<b>JobNumber</b> <JobNb>	[0..1]	Text		64
	<b>Department</b> <Dept>	[0..1]	Text		64
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		64
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			64
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		64
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		64
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		65
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	65
	<b>Other</b> <Othr>	[0..*]	±		65
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			65
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		65
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		66
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		66
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		66
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		66
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			66
	<b>Identification</b> <Id>	[1..1]	Text		67
	<b>Value</b> <Val>	[0..1]	Binary		67
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		67
	<b>Type</b> <Tp>	[0..1]	Text		67
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			67
	<b>Method</b> <Mtd>	[1..1]	CodeSet		68
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		69
	<b>Result</b> <Rslt>	[0..1]	CodeSet		69
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		69



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		70
	<b>MobileData</b> <MobData>	[0..*]			70
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		70
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		70
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		71
	<b>Geolocation</b> <Glctr>	[0..1]			71
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			71
	<b>Latitude</b> <Lat>	[1..1]	Text		71
	<b>Longitude</b> <Long>	[1..1]	Text		71
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			72
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		72
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		72
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		72
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			72
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		73
	<b>IMSI</b> <IMSI>	[0..1]	Text		73
	<b>IMEI</b> <IMEI>	[0..1]	Text		73
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		73
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		73
	<b>Context</b> <Cntxt>	[1..1]	±		74
	<b>Transaction</b> <Tx>	[1..1]			77
	<b>TransactionCapture</b> <TxCaptr>	[1..1]	Indicator		81
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		81
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		82
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		83
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		83
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		83
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		83
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		84
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		84
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		84

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		84
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		84
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		85
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		85
	<b>TransactionDetails</b> <TxDtIs>	[1..1]			85
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	87
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		88
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		88
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		88
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		88
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		89
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		89
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		89
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		89
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		89
	<b>UnattendedLevelCategory</b> <UattnddLvlCtgy>	[0..1]	Text		90
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		90
	<b>CurrencyConversionResult</b> <CcyConvsRsIt>	[0..1]			91
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		93
	<b>Conversion</b> <Convs>	[0..1]			93
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		94
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			95
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	95
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		95
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		95
	<b>Name</b> <Nm>	[0..1]	Text		95
	<b>ResultingAmount</b> <RsItgAmt>	[1..1]	Amount		95
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		96
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		96
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		96
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		96

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			96
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	96
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		97
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		97
	<b>Name</b> <Nm>	[0..1]	Text		97
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			97
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		97
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		97
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		98
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			98
	<b>Amount</b> <Amt>	[1..1]	Amount		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			98
	<b>Rate</b> <Rate>	[1..1]	Rate		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		99
	<b>Instalment</b> <Instlmt>	[0..1]	±		99
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		100
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		100
	<b>SaleItem</b> <Saleitm>	[0..*]	±		101
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		101
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			101
	<b>Identification</b> <Id>	[1..1]	Text		102
	<b>Value</b> <Val>	[0..1]	Binary		102
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		102
	<b>Type</b> <Tp>	[0..1]	Text		102
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		102
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		103
	<b>AccountFrom</b> <AcctFr>	[0..1]			103
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		103
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		104

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AccountName</b> <AcctNm>	[0..1]	Text		105
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			105
	<b>Name</b> <Nm>	[1..1]	Text		105
	<b>Address</b> <Adr>	[1..1]	±		105
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	106
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			106
{Or	<b>Card</b> <Card>	[1..1]	Text		107
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		107
Or	<b>EMail</b> <EMail>	[1..1]	Text		107
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	107
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		108
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		108
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		108
Or}	<b>Other</b> <Othr>	[1..1]	Text		108
	<b>Servicer</b> <Svcr>	[0..1]			108
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	108
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		109
	<b>AccountTo</b> <AcctTo>	[0..1]			109
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		110
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		111
	<b>AccountName</b> <AcctNm>	[0..1]	Text		111
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			112
	<b>Name</b> <Nm>	[1..1]	Text		112
	<b>Address</b> <Adr>	[1..1]	±		112
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	112
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			113
{Or	<b>Card</b> <Card>	[1..1]	Text		113
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		113
Or	<b>EMail</b> <EMail>	[1..1]	Text		113
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	113
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		114

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		114
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		114
Or}	<b>Other</b> <Othr>	[1..1]	Text		114
	<b>Servicer</b> <Svcr>	[0..1]			114
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	115
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		115
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		115
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C6	115
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			116
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		116
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		116

## 2.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### C2 AnyBIC

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

### C3 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C4 IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

### C5 IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

### C6 SupplementaryDataRule

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

### C7 ValidationByTable

Must be a valid terrestrial language.

## C8 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

## 2.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 2.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Authorisation request message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		18
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		19
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		20
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntnr>	[0..1]	Text		20
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		20
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		20
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		20
	<b>Traceability</b> <Tracblt>	[0..*]	±		21

#### 2.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.

CodeName	Name	Definition
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 2.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

### 2.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

### 2.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

### 2.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

### 2.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "[GenericIdentification176](#)" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

### 2.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.



**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 2.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 2.4.2 AuthorisationRequest <AuthstnReq>

*Presence:* [1..1]

*Definition:* Information related to the authorisation request.

**AuthorisationRequest <AuthstnReq>** contains the following **AcceptorAuthorisationRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]			29
	<b>Acquirer</b> <Acqrr>	[0..1]	±		34
	<b>Merchant</b> <Mrchnt>	[0..1]			34
	<b>Identification</b> <Id>	[0..1]	±		34
	<b>CommonName</b> <CmonNm>	[0..1]	Text		35
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		35
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		35
	<b>SchemaData</b> <SchmeData>	[0..1]	Text		36
	<b>POI</b> <POI>	[0..1]			36
	<b>Identification</b> <Id>	[1..1]	±		36
	<b>SystemName</b> <SysNm>	[0..1]	Text		37
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		37
	<b>Capabilities</b> <Cpblties>	[0..1]	±		37
	<b>TimeZone</b> <TmZone>	[0..1]	Text		38
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		38
	<b>Component</b> <Cmpnt>	[0..*]	±		39
	<b>Card</b> <Card>	[0..1]			41
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		42
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		42
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		42
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		43
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		43
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		43
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		43
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		43
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		44
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		44
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		44
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		44
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		44

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		44
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		45
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		45
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		45
	<b>Wallet</b> <Wlt>	[0..1]	±		45
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		45
	<b>Cardholder</b> <Crhdldr>	[0..1]			46
	<b>Identification</b> <Id>	[0..1]			50
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		50
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		50
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		51
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		51
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		51
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		51
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		51
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		51
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		51
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		51
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		52
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		52
	<b>JobNumber</b> <JobNb>	[0..1]	Text		52
	<b>Department</b> <Dept>	[0..1]	Text		52
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		52
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			52
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		52
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		53
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		53
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	53
	<b>Other</b> <Othr>	[0..*]	±		53
	<b>Name</b> <Nm>	[0..1]	Text		53
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	53

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		54
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		54
	<b>TripNumber</b> <TripNb>	[0..1]	Text		55
	<b>Vehicle</b> <Vhcl>	[0..1]	±		55
	<b>Authentication</b> <Authntcn>	[0..*]			56
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		58
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		59
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		60
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		60
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			60
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		60
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		61
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		61
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			61
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		62
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		62
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		62
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		63
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		63
	<b>SocialSecurityNumber</b> <ScIStctyNb>	[0..1]	Text		63
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		63
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		63
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		63
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		63
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		63
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		64
	<b>JobNumber</b> <JobNb>	[0..1]	Text		64
	<b>Department</b> <Dept>	[0..1]	Text		64
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		64
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			64
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		64

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		64
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		65
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	65
	<b>Other</b> <Othr>	[0..*]	±		65
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			65
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		65
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		66
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		66
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		66
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		66
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			66
	<b>Identification</b> <Id>	[1..1]	Text		67
	<b>Value</b> <Val>	[0..1]	Binary		67
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		67
	<b>Type</b> <Tp>	[0..1]	Text		67
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			67
	<b>Method</b> <Mtd>	[1..1]	CodeSet		68
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		69
	<b>Result</b> <Rslt>	[0..1]	CodeSet		69
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		69
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		70
	<b>MobileData</b> <MobData>	[0..*]			70
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		70
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		70
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		71
	<b>Geolocation</b> <Glctn>	[0..1]			71
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			71
	<b>Latitude</b> <Lat>	[1..1]	Text		71
	<b>Longitude</b> <Long>	[1..1]	Text		71
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			72
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		72

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		72
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		72
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			72
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		73
	<b>IMSI</b> <IMSI>	[0..1]	Text		73
	<b>IMEI</b> <IMEI>	[0..1]	Text		73
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		73
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		73
	<b>Context</b> <Cntxt>	[1..1]	±		74
	<b>Transaction</b> <Tx>	[1..1]			77
	<b>TransactionCapture</b> <TxCaptr>	[1..1]	Indicator		81
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		81
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		82
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		83
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		83
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		83
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		83
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		84
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		84
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		84
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		84
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		84
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		85
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		85
	<b>TransactionDetails</b> <TxDtls>	[1..1]			85
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	87
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		88
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		88
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		88
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		88
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		89

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		89
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		89
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		89
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		89
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		90
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		90
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			91
	<b>AcceptedByCardholder</b> <AcptdByCrdhldr>	[0..1]	Indicator		93
	<b>Conversion</b> <Convs>	[0..1]			93
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		94
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			95
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	95
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		95
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		95
	<b>Name</b> <Nm>	[0..1]	Text		95
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		95
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		96
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		96
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		96
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		96
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			96
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	96
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		97
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		97
	<b>Name</b> <Nm>	[0..1]	Text		97
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			97
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		97
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		97
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		98
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			98
	<b>Amount</b> <Amt>	[1..1]	Amount		98

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			98
	<b>Rate</b> <Rate>	[1..1]	Rate		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		99
	<b>Instalment</b> <Instlmt>	[0..1]	±		99
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		100
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		100
	<b>SaleItem</b> <Saleitm>	[0..*]	±		101
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		101
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			101
	<b>Identification</b> <Id>	[1..1]	Text		102
	<b>Value</b> <Val>	[0..1]	Binary		102
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		102
	<b>Type</b> <Tp>	[0..1]	Text		102
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		102
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		103
	<b>AccountFrom</b> <AcctFr>	[0..1]			103
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		103
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		104
	<b>AccountName</b> <AcctNm>	[0..1]	Text		105
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			105
	<b>Name</b> <Nm>	[1..1]	Text		105
	<b>Address</b> <Adr>	[1..1]	±		105
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	106
	<b>AccountIdentifier</b> <Acctldr>	[0..1]			106
{Or	<b>Card</b> <Card>	[1..1]	Text		107
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		107
Or	<b>Email</b> <EMail>	[1..1]	Text		107
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	107
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		108



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		108
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		108
Or}	<b>Other</b> <Othr>	[1..1]	Text		108
	<b>Servicer</b> <Svcr>	[0..1]			108
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	108
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		109
	<b>AccountTo</b> <AcctTo>	[0..1]			109
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		110
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		111
	<b>AccountName</b> <AcctNm>	[0..1]	Text		111
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			112
	<b>Name</b> <Nm>	[1..1]	Text		112
	<b>Address</b> <Adr>	[1..1]	±		112
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	112
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			113
{Or	<b>Card</b> <Card>	[1..1]	Text		113
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		113
Or	<b>EMail</b> <EMail>	[1..1]	Text		113
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	113
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		114
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		114
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		114
Or}	<b>Other</b> <Othr>	[1..1]	Text		114
	<b>Servicer</b> <Svcr>	[0..1]			114
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	115
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		115
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		115
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C6	115

### 2.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Env>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		34
	<b>Merchant</b> <Mrchnt>	[0..1]			34
	<b>Identification</b> <Id>	[0..1]	±		34
	<b>CommonName</b> <CmonNm>	[0..1]	Text		35
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		35
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		35
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		36
	<b>POI</b> <POI>	[0..1]			36
	<b>Identification</b> <Id>	[1..1]	±		36
	<b>SystemName</b> <SysNm>	[0..1]	Text		37
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		37
	<b>Capabilities</b> <Cpblties>	[0..1]	±		37
	<b>TimeZone</b> <TmZone>	[0..1]	Text		38
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		38
	<b>Component</b> <Cmpnt>	[0..*]	±		39
	<b>Card</b> <Card>	[0..1]			41
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		42
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		42
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		42
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		43
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		43
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		43
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		43
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		43
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		44
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		44
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		44
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		44
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		44
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		44
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		45

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		45
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		45
	<b>Wallet</b> <Wlt>	[0..1]	±		45
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		45
	<b>Cardholder</b> <Crhdldr>	[0..1]			46
	<b>Identification</b> <Id>	[0..1]			50
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		50
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		50
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		51
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		51
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		51
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		51
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		51
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		51
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		51
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		51
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		52
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		52
	<b>JobNumber</b> <JobNb>	[0..1]	Text		52
	<b>Department</b> <Dept>	[0..1]	Text		52
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		52
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			52
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		52
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		53
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		53
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	53
	<b>Other</b> <Othr>	[0..*]	±		53
	<b>Name</b> <Nm>	[0..1]	Text		53
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	53
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		54
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		54

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		55
	<b>Vehicle</b> <Vhcl>	[0..1]	±		55
	<b>Authentication</b> <Authntcn>	[0..*]			56
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		58
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		59
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		60
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		60
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			60
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		60
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		61
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		61
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			61
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		62
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		62
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		62
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		63
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		63
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		63
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		63
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		63
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		63
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		63
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		63
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		64
	<b>JobNumber</b> <JobNb>	[0..1]	Text		64
	<b>Department</b> <Dept>	[0..1]	Text		64
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		64
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			64
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		64
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		64
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		65

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	65
	<b>Other</b> <Othr>	[0..*]	±		65
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			65
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		65
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		66
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		66
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		66
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		66
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			66
	<b>Identification</b> <Id>	[1..1]	Text		67
	<b>Value</b> <Val>	[0..1]	Binary		67
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		67
	<b>Type</b> <Tp>	[0..1]	Text		67
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			67
	<b>Method</b> <Mtd>	[1..1]	CodeSet		68
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		69
	<b>Result</b> <Rslt>	[0..1]	CodeSet		69
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		69
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		70
	<b>MobileData</b> <MobData>	[0..*]			70
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		70
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		70
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		71
	<b>Geolocation</b> <Glctn>	[0..1]			71
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			71
	<b>Latitude</b> <Lat>	[1..1]	Text		71
	<b>Longitude</b> <Long>	[1..1]	Text		71
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			72
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		72
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		72
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		72

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			72
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		73
	<b>IMSI</b> <IMSI>	[0..1]	Text		73
	<b>IMEI</b> <IMEI>	[0..1]	Text		73
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		73
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		73

#### 2.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 2.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		34
	<b>CommonName</b> <CmonNm>	[0..1]	Text		35
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		35
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		35
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		36

##### 2.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 2.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 2.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 2.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 2.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 2.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		36
	<b>SystemName</b> <SysNm>	[0..1]	Text		37
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		37
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		37
	<b>TimeZone</b> <TmZone>	[0..1]	Text		38
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		38
	<b>Component</b> <Cmpnt>	[0..*]	±		39

##### 2.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.



**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 2.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 2.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 2.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 2.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 2.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 2.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 2.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		42
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		42
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		42
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		43
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		43
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		43
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		43
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		43
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		44
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		44
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		44
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		44
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		44
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		44
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		45
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		45

#### 2.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 2.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 2.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 2.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 2.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 2.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 2.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 2.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 2.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 2.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 2.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427



#### 2.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 2.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 2.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 2.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 2.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdHdr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			50
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		50
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		50
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		51
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		51
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		51
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		51
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		51
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		51
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		51
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		51
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		52
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		52
	<b>JobNumber</b> <JobNb>	[0..1]	Text		52
	<b>Department</b> <Dept>	[0..1]	Text		52
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		52
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			52
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		52
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		53
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		53
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	53
	<b>Other</b> <Othr>	[0..*]	±		53
	<b>Name</b> <Nm>	[0..1]	Text		53
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	53
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		54
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		54
	<b>TripNumber</b> <TripNb>	[0..1]	Text		55
	<b>Vehicle</b> <Vhcl>	[0..1]	±		55
	<b>Authentication</b> <Authntcn>	[0..*]			56
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		58
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		59

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		60
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		60
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			60
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		60
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		61
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		61
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			61
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		62
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		62
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		62
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		63
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		63
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		63
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		63
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		63
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		63
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		63
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		63
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		64
	<b>JobNumber</b> <JobNb>	[0..1]	Text		64
	<b>Department</b> <Dept>	[0..1]	Text		64
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		64
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			64
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		64
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		64
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		65
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	65
	<b>Other</b> <Othr>	[0..*]	±		65
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			65
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		65
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		66

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		66
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		66
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		66
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			66
	<b>Identification</b> <Id>	[1..1]	Text		67
	<b>Value</b> <Val>	[0..1]	Binary		67
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		67
	<b>Type</b> <Tp>	[0..1]	Text		67
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			67
	<b>Method</b> <Mtd>	[1..1]	CodeSet		68
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		69
	<b>Result</b> <Rslt>	[0..1]	CodeSet		69
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		69
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		70
	<b>MobileData</b> <MobData>	[0..*]			70
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		70
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		70
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		71
	<b>Geolocation</b> <Glctn>	[0..1]			71
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			71
	<b>Latitude</b> <Lat>	[1..1]	Text		71
	<b>Longitude</b> <Long>	[1..1]	Text		71
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			72
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		72
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		72
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		72
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			72
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		73
	<b>IMSI</b> <IMSI>	[0..1]	Text		73
	<b>IMEI</b> <IMEI>	[0..1]	Text		73
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		73

#### 2.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		50
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		50
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		51
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		51
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		51
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		51
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		51
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		51
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		51
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		51
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		52
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		52
	<b>JobNumber</b> <JobNb>	[0..1]	Text		52
	<b>Department</b> <Dept>	[0..1]	Text		52
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		52
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			52
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		52
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		53
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		53
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	53
	<b>Other</b> <Othr>	[0..*]	±		53

##### 2.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 2.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 2.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		52
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		53
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		53
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	53

##### 2.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420



#### 2.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 2.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 2.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 2.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C7 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 2.4.2.1.8.4 BillingAddress <BlgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BlgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 2.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 2.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 2.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		58
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		59
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		60
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		60
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			60
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		60
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		61
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		61
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			61
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		62
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		62
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		62
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		63
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		63
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		63
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		63
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		63
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		63
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		63
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		63
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		64
	<b>JobNumber</b> <JobNb>	[0..1]	Text		64
	<b>Department</b> <Dept>	[0..1]	Text		64
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		64
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			64
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		64
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		64
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		65
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	65
	<b>Other</b> <Othr>	[0..*]	±		65
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			65

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		65
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		66
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		66
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		66
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		66
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			66
	<b>Identification</b> <Id>	[1..1]	Text		67
	<b>Value</b> <Val>	[0..1]	Binary		67
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		67
	<b>Type</b> <Tp>	[0..1]	Text		67

#### 2.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 2.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 2.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 2.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 2.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		60
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		61
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		61

##### 2.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).



**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 2.4.2.1.8.8.5.2 PINFormat <PINFmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 2.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		62
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		62
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		62
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		63
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		63
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		63
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		63
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		63
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		63
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		63
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		63
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		64
	<b>JobNumber</b> <JobNb>	[0..1]	Text		64
	<b>Department</b> <Dept>	[0..1]	Text		64
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		64
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			64
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		64
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		64
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		65
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	65
	<b>Other</b> <Othr>	[0..*]	±		65

#### 2.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 2.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		64
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		64
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		65
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	65

##### 2.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 2.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 2.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 2.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		65
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		66

#### 2.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 2.4.2.1.8.8.7.2 PostalCodeDigits <PstICdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 2.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 2.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		67
	<b>Value</b> <Val>	[0..1]	Binary		67
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		67
	<b>Type</b> <Tp>	[0..1]	Text		67

#### 2.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 2.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 2.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 2.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 2.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		68
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		69
	<b>Result</b> <RsIt>	[0..1]	CodeSet		69
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		69

#### 2.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.



CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 2.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 2.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 2.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 2.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 2.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		70
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		70
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		71
	<b>Geolocation</b> <Glctn>	[0..1]			71
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			71
	<b>Latitude</b> <Lat>	[1..1]	Text		71
	<b>Longitude</b> <Long>	[1..1]	Text		71
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			72
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		72
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		72
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		72
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			72
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		73
	<b>IMSI</b> <IMSI>	[0..1]	Text		73
	<b>IMEI</b> <IMEI>	[0..1]	Text		73
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		73

##### 2.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 2.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 2.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			71
	<b>Latitude</b> <Lat>	[1..1]	Text		71
	<b>Longitude</b> <Long>	[1..1]	Text		71
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			72
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		72
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		72
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		72

#### 2.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		71
	<b>Longitude</b> <Long>	[1..1]	Text		71

##### 2.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

##### 2.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		72
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		72
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		72

##### 2.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 2.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 2.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		73
	<b>IMSI</b> <IMSI>	[0..1]	Text		73
	<b>IMEI</b> <IMEI>	[0..1]	Text		73

#### 2.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 2.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 2.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 2.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 2.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 2.4.2.2 Context <Cntxt>

*Presence:* [1..1]

*Definition:* Context in which the transaction is performed (payment and sale).

**Context <Cntxt>** contains the following elements (see "CardPaymentContext28" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			2283
	CardPresent <CardPres>	[0..1]	Indicator		2283
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		2283
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2283
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2284
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2284
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2284
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2285
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		2286
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		2286
	SaleContext <SaleCntxt>	[0..1]			2286
	SaleIdentification <SaleId>	[0..1]	Text		2287
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2287
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2288
	CashierIdentification <CshrId>	[0..1]	Text		2288
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	2288
	ShiftNumber <ShftNb>	[0..1]	Text		2288
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		2288
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		2288
	InvoiceNumber <InvcNb>	[0..1]	Text		2288
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2289
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2289
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <Regdldr>	[1..1]	Text		2289
	SplitPayment <Spltpmt>	[0..1]	Indicator		2290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		2290
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2290
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2290
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2290
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2291
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2291
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2291
	DebtorIdentification <DbtrId>	[0..1]			2292
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296
	CreditorIdentification <CdtrId>	[1..1]			2296
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2298
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		2299

### 2.4.2.3 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Card payment transaction for which the authorisation is requested.

**Transaction <Tx>** contains the following **CardPaymentTransaction92** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[1..1]	Indicator		81
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		81
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		82
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		83
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		83
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		83
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		83
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		84
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		84
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		84
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		84
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		84
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		85
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		85
	<b>TransactionDetails</b> <TxDtls>	[1..1]			85
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	87
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		88
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		88
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		88
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		88
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		89
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		89
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		89
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		89
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		89
	<b>UnattendedLevelCategory</b> <UattnddLvlCtgy>	[0..1]	Text		90
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		90
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			91
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		93
	<b>Conversion</b> <Convs>	[0..1]			93
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		94

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			95
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	95
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		95
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		95
	<b>Name</b> <Nm>	[0..1]	Text		95
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		95
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		96
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		96
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		96
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		96
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			96
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	96
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		97
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		97
	<b>Name</b> <Nm>	[0..1]	Text		97
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			97
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		97
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		97
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		98
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			98
	<b>Amount</b> <Amt>	[1..1]	Amount		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			98
	<b>Rate</b> <Rate>	[1..1]	Rate		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		99
	<b>Instalment</b> <Instlmt>	[0..1]	±		99
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		100
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		100
	<b>SaleItem</b> <SaleItm>	[0..*]	±		101
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		101

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			101
	<b>Identification</b> <Id>	[1..1]	Text		102
	<b>Value</b> <Val>	[0..1]	Binary		102
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		102
	<b>Type</b> <Tp>	[0..1]	Text		102
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		102
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		103
	<b>AccountFrom</b> <AcctFr>	[0..1]			103
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		103
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		104
	<b>AccountName</b> <AcctNm>	[0..1]	Text		105
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			105
	<b>Name</b> <Nm>	[1..1]	Text		105
	<b>Address</b> <Adr>	[1..1]	±		105
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	106
	<b>AccountIdentifier</b> <Acctldr>	[0..1]			106
{Or	<b>Card</b> <Card>	[1..1]	Text		107
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		107
Or	<b>EMail</b> <EMail>	[1..1]	Text		107
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	107
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		108
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		108
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		108
Or}	<b>Other</b> <Othr>	[1..1]	Text		108
	<b>Servicer</b> <Svcr>	[0..1]			108
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	108
Or}	<b>ProprietaryIdentification</b> <Prtryld>	[1..1]	±		109
	<b>AccountTo</b> <AcctTo>	[0..1]			109
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		110
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		111
	<b>AccountName</b> <AcctNm>	[0..1]	Text		111

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			112
	<b>Name</b> <Nm>	[1..1]	Text		112
	<b>Address</b> <Adr>	[1..1]	±		112
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	112
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			113
{Or	<b>Card</b> <Card>	[1..1]	Text		113
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		113
Or	<b>EMail</b> <EMail>	[1..1]	Text		113
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	113
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		114
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		114
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		114
Or}	<b>Other</b> <Othr>	[1..1]	Text		114
	<b>Servicer</b> <Svcr>	[0..1]			114
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	115
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		115
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		115

#### 2.4.2.3.1 TransactionCapture <TxCaptr>

*Presence:* [1..1]

*Definition:* Flag indicating whether the transaction data must be captured or not in addition to the message process.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 2.4.2.3.2 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Type of transaction being undertaken for the main service.

*Datatype:* "CardPaymentServiceType12Code" on page 2394

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.

CodeName	Name	Definition
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

#### 2.4.2.3.3 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2396

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.

CodeName	Name	Definition
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

#### 2.4.2.3.4 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType3Code" on page 2395

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.

#### 2.4.2.3.5 LastTransactionFlag <LastTxFlg>

*Presence:* [0..1]

*Definition:* Flag indicating processing of the last transaction.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 2.4.2.3.6 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [0..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* "Min3Max4Text" on page 2429

#### 2.4.2.3.7 CustomerConsent <CstmrCnsnt>

*Presence:* [0..\*]

*Definition:* This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 2.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

*Presence:* [0..\*]

*Definition:* The card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

*Datatype:* ["Max35Text"](#) on page 2426

#### 2.4.2.3.9 CardProgrammeApplied <CardPrgrmmApId>

*Presence:* [0..1]

*Definition:* The card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

*Datatype:* ["Max35Text"](#) on page 2426

#### 2.4.2.3.10 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* ["Max35Text"](#) on page 2426

#### 2.4.2.3.11 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentifier1"](#) on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 2.4.2.3.12 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.



**OriginalTransaction <OrgnlTx>** contains the following elements (see "[CardPaymentTransaction101](#)" on page 1883 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1884
	TransactionIdentification <TxId>	[1..1]	±		1884
	POIIdentification <POIID>	[0..1]	±		1884
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1885
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1885
	TransactionType <TxTp>	[1..1]	CodeSet		1885
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1886
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1886
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1887
	TransactionResult <TxRslt>	[0..1]			1887
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1888
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1888
	Response <Rspn>	[1..1]	CodeSet		1888
	ResponseReason <RspnRsn>	[0..1]	Text		1889
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1889
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1889

#### 2.4.2.3.13 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "[Max35Text](#)" on page 2426

#### 2.4.2.3.14 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "[Max35Text](#)" on page 2426

#### 2.4.2.3.15 TransactionDetails <TxDtls>

*Presence:* [1..1]

*Definition:* Details of the transaction.

**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	87
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		88
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		88
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		88
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		88
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		89
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		89
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		89
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		89
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		89
	<b>UnattendedLevelCategory</b> <UattnddLvltCtgy>	[0..1]	Text		90
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		90
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			91
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		93
	<b>Conversion</b> <Convs>	[0..1]			93
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		94
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			95
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	95
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		95
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		95
	<b>Name</b> <Nm>	[0..1]	Text		95
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		95
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		96
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		96
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		96
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		96
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			96
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	96
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		97
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		97
	<b>Name</b> <Nm>	[0..1]	Text		97

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			97
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		97
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		97
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		98
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			98
	<b>Amount</b> <Amt>	[1..1]	Amount		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			98
	<b>Rate</b> <Rate>	[1..1]	Rate		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		99
	<b>Instalment</b> <Instlmt>	[0..1]	±		99
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		100
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		100
	<b>SaleItem</b> <Saleitm>	[0..*]	±		101
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		101
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			101
	<b>Identification</b> <Id>	[1..1]	Text		102
	<b>Value</b> <Val>	[0..1]	Binary		102
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		102
	<b>Type</b> <Tp>	[0..1]	Text		102
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		102

#### 2.4.2.3.15.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 2.4.2.3.15.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 2.4.2.3.15.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

*Definition:* Contains the updated amount of all authorisations related to the same business transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 2.4.2.3.15.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2416

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

#### 2.4.2.3.15.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

*Definition:* Detailed amounts associated with the total amount of transaction.

**DetailedAmount <DtldAmt>** contains the following elements (see "DetailedAmount15" on page 1841 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1841
	CashBack <CshBck>	[0..1]	Amount		1841
	Gratuity <Grtty>	[0..1]	Amount		1842
	Fees <Fees>	[0..*]	±		1842
	Rebate <Rbt>	[0..*]	±		1842
	ValueAddedTax <ValAddedTax>	[0..*]	±		1842
	Surcharge <Srchr>	[0..*]	±		1842

#### 2.4.2.3.15.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 2.4.2.3.15.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 2.4.2.3.15.8 InvoiceAmount <InvcAmt>

*Presence:* [0..1]

*Definition:* Amount of the transaction that will be invoiced to the cardholder.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 2.4.2.3.15.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 2.4.2.3.15.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason1Code" on page 2407

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.

CodeName	Name	Definition
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.

#### 2.4.2.3.15.11 UnattendedLevelCategory <UattnddLvlCtgy>

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended POI (Point Of Interaction).

*Datatype:* "Max35NumericText" on page 2426

#### 2.4.2.3.15.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.

CodeName	Name	Definition
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 2.4.2.3.15.13 CurrencyConversionResult <CcyConvsRslt>

*Presence:* [0..1]

*Definition:* Result of the currency conversion proposed to the cardholder.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		93
	<b>Conversion</b> <Convs>	[0..1]			93
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		94
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			95
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	95
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		95
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		95
	<b>Name</b> <Nm>	[0..1]	Text		95
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		95
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		96
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		96
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		96
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		96
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			96
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	96
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		97
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		97
	<b>Name</b> <Nm>	[0..1]	Text		97
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			97
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		97
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		97
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		98
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			98
	<b>Amount</b> <Amt>	[1..1]	Amount		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			98
	<b>Rate</b> <Rate>	[1..1]	Rate		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		99



#### **2.4.2.3.15.13.1 AcceptedByCardholder <AccptdByCrdhldr>**

*Presence:* [0..1]

*Definition:* True if the cardholder has accepted the currency conversion that the acquirer has proposed.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **2.4.2.3.15.13.2 Conversion <Convs>**

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

**Conversion <Convs>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		94
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			95
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	95
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		95
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		95
	<b>Name</b> <Nm>	[0..1]	Text		95
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		95
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		96
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		96
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		96
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		96
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			96
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	96
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		97
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		97
	<b>Name</b> <Nm>	[0..1]	Text		97
	<b>OriginalAmount</b> <OrgnAmt>	[1..1]			97
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		97
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		97
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		98
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			98
	<b>Amount</b> <Amt>	[1..1]	Amount		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			98
	<b>Rate</b> <Rate>	[1..1]	Rate		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98
	<b>DeclarationDetails</b> <DclrnDtls>	[0..*]	±		99

#### 2.4.2.3.15.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.3.15.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	95
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		95
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		95
	<b>Name</b> <Nm>	[0..1]	Text		95

##### 2.4.2.3.15.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

##### 2.4.2.3.15.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

##### 2.4.2.3.15.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

##### 2.4.2.3.15.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

##### 2.4.2.3.15.13.2.3 ResultingAmount <RsltgAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 2.4.2.3.15.13.2.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 2.4.2.3.15.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 2.4.2.3.15.13.2.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 2.4.2.3.15.13.2.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 2.4.2.3.15.13.2.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	96
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		97
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		97
	<b>Name</b> <Nm>	[0..1]	Text		97

##### 2.4.2.3.15.13.2.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 2.4.2.3.15.13.2.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 2.4.2.3.15.13.2.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 2.4.2.3.15.13.2.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.3.15.13.2.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		97
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		97
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		98

##### 2.4.2.3.15.13.2.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 2.4.2.3.15.13.2.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 2.4.2.3.15.13.2.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 2.4.2.3.15.13.2.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[1..1]	Amount		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98

##### 2.4.2.3.15.13.2.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 2.4.2.3.15.13.2.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

#### 2.4.2.3.15.13.2.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		98
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		98

##### 2.4.2.3.15.13.2.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

##### 2.4.2.3.15.13.2.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

#### 2.4.2.3.15.13.2.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

#### 2.4.2.3.15.14 Instalment <Instlmt>

*Presence:* [0..1]

*Definition:* Data related to a financial loan (instalment) or to a recurring transaction.

**Instalment <Instlmt>** contains the following elements (see ["RecurringTransaction2"](#) on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2317
	PlanIdentification <PlanId>	[0..1]	Text		2317
	SequenceNumber <SeqNb>	[0..1]	Quantity		2317
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2317
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2318
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2318
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2318
	TotalAmount <TtlAmt>	[0..1]	Amount	C8	2318
	FirstAmount <FrstAmt>	[0..1]	Amount		2318
	Charges <Chrgs>	[0..1]	Amount		2319

#### 2.4.2.3.15.15 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see ["AggregationTransaction3"](#) on page 2278 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2278
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2278
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2279
	IndividualPayment <IndvPmt>	[0..*]			2279
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Labl>	[0..1]	Text		2280

#### 2.4.2.3.15.16 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* ["Max10Text"](#) on page 2424



#### 2.4.2.3.15.17 SaleItem <SaleItm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2304
	ProductCode <PdctCd>	[1..1]	Text		2304
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2304
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2305
	ProductQuantity <PdctQty>	[0..1]	Quantity		2306
	UnitPrice <UnitPric>	[0..1]	Amount		2306
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2307
	ProductAmount <PdctAmt>	[1..1]	Amount		2307
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2307
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2307
	TaxType <TaxTp>	[0..1]	Text		2307
	ProductDescription <PdctDesc>	[0..1]	Text		2307
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2307
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2308
	SaleChannel <SaleChanl>	[0..1]	Text		2308
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2308

#### 2.4.2.3.15.18 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

*Definition:* Location of the delivery, for instance pump number or parking bay.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.3.15.19 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

**AdditionalInformation <AddtlInf>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		102
	<b>Value</b> <Val>	[0..1]	Binary		102
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		102
	<b>Type</b> <Tp>	[0..1]	Text		102

#### 2.4.2.3.15.19.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 2.4.2.3.15.19.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 2.4.2.3.15.19.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 2.4.2.3.15.19.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 2.4.2.3.15.20 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

#### 2.4.2.3.16 MerchantReferenceData <MrchntRefData>

*Presence:* [0..1]

*Definition:* Merchant information that must be returned unchanged in the response.

*Datatype:* "Max70Text" on page 2427

#### 2.4.2.3.17 AccountFrom <AcctFr>

*Presence:* [0..1]

*Definition:* Information relevant to the account where the money is taken from.

**AccountFrom <AcctFr>** contains the following **CardAccount15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		103
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		104
	<b>AccountName</b> <AcctNm>	[0..1]	Text		105
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			105
	<b>Name</b> <Nm>	[1..1]	Text		105
	<b>Address</b> <Adr>	[1..1]	±		105
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	106
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			106
{Or	<b>Card</b> <Card>	[1..1]	Text		107
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		107
Or	<b>EMail</b> <EMail>	[1..1]	Text		107
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	107
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		108
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		108
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		108
Or}	<b>Other</b> <Othr>	[1..1]	Text		108
	<b>Servicer</b> <Svcr>	[0..1]			108
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	108
Or}	<b>ProprietaryIdentification</b> <Prtryld>	[1..1]	±		109

##### 2.4.2.3.17.1 SelectionMethod <SelctnMtd>

*Presence:* [0..1]

*Definition:* Method used by the cardholder and the terminal for the choice of the account.

*Datatype:* "AccountChoiceMethod1Code" on page 2378

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.
TPSL	TypeSelected	Type of account selected in a list.

#### 2.4.2.3.17.2 SelectedAccountType <SelctdAcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.

CodeName	Name	Definition
FLTC	FleetCard	Fleet card account.

#### 2.4.2.3.17.3 AccountName <AcctNm>

*Presence:* [0..1]

*Definition:* Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

*Datatype:* "Max70Text" on page 2427

#### 2.4.2.3.17.4 AccountOwner <AcctOwnr>

*Presence:* [0..1]

*Definition:* Party that legally owns the account.

**AccountOwner <AcctOwnr>** contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[1..1]	Text		105
	<b>Address</b> <Adr>	[1..1]	±		105

##### 2.4.2.3.17.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and is usually used to identify that identity.

*Datatype:* "Max70Text" on page 2427

##### 2.4.2.3.17.4.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Postal address of a party.

**Address <Adr>** contains the following elements (see "PostalAddress1" on page 2322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2323
	AddressLine <AdrLine>	[0..5]	Text		2323
	StreetName <StrtNm>	[0..1]	Text		2323
	BuildingNumber <BldgNb>	[0..1]	Text		2323
	PostCode <PstCd>	[0..1]	Text		2324
	TownName <TwnNm>	[0..1]	Text		2324
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2324
	Country <Ctry>	[1..1]	CodeSet	C1	2324

#### 2.4.2.3.17.5 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Identification of the currency in which the account is held.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 2.4.2.3.17.6 AccountIdentifier <AcctIdr>

*Presence:* [0..1]

*Definition:* Unique identifier of the account, as assigned by the account servicer.

**AccountIdentifier <AcctIdr>** contains one of the following **AccountIdentification39Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>Card</b> <Card>	[1..1]	Text		107
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		107
Or	<b>EEmail</b> <EMail>	[1..1]	Text		107
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	107
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		108
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		108
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		108
Or}	<b>Other</b> <Othr>	[1..1]	Text		108

#### 2.4.2.3.17.6.1 Card <Card>

*Presence:* [1..1]

*Definition:* PAN of the card identifying the account.

*Datatype:* "Min8Max28NumericText" on page 2429

#### 2.4.2.3.17.6.2 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

*Datatype:* "Max16Text" on page 2425

#### 2.4.2.3.17.6.3 EEmail <EMail>

*Presence:* [1..1]

*Definition:* E-mail identifying the account.

*Datatype:* "Max256Text" on page 2425

#### 2.4.2.3.17.6.4 IBAN <IBAN>

*Presence:* [1..1]

*Definition:* International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

*Impacted by:* C5 "IBAN"

*Datatype:* "IBANIdentifier" on page 2421

## Constraints

### • IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

#### 2.4.2.3.17.6.5 BBAN <BBAN>

*Presence:* [1..1]

*Definition:* Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

*Datatype:* "BBANIdentifier" on page 2421

#### 2.4.2.3.17.6.6 UPIC <UPIC>

*Presence:* [1..1]

*Definition:* Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Datatype:* "UPICIdentifier" on page 2422

#### 2.4.2.3.17.6.7 Domestic <Dmst>

*Presence:* [1..1]

*Definition:* Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.3.17.6.8 Other <Othr>

*Presence:* [1..1]

*Definition:* Other identifier.

*Datatype:* "Max35Text" on page 2426

#### 2.4.2.3.17.7 Servicer <Svcr>

*Presence:* [0..1]

*Definition:* Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

**Servicer <Svcr>** contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	108
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		109

#### 2.4.2.3.17.7.1 AnyBIC <AnyBIC>

*Presence:* [1..1]



*Definition:* Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

#### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

#### 2.4.2.3.17.7.2 ProprietaryIdentification <PrtryId>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <PrtryId>** contains the following elements (see "[GenericIdentification1](#)" on page 2242 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2243
	SchemeName <SchmeNm>	[0..1]	Text		2243
	Issuer <Issr>	[0..1]	Text		2243

#### 2.4.2.3.18 AccountTo <AcctTo>

*Presence:* [0..1]

*Definition:* Information relevant to the account where the money is put.

**AccountTo <AcctTo>** contains the following **CardAccount15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		110
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		111
	<b>AccountName</b> <AcctNm>	[0..1]	Text		111
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			112
	<b>Name</b> <Nm>	[1..1]	Text		112
	<b>Address</b> <Adr>	[1..1]	±		112
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	112
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			113
{Or	<b>Card</b> <Card>	[1..1]	Text		113
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		113
Or	<b>EMail</b> <EMail>	[1..1]	Text		113
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	113
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		114
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		114
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		114
Or}	<b>Other</b> <Othr>	[1..1]	Text		114
	<b>Servicer</b> <Svcr>	[0..1]			114
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	115
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		115

#### 2.4.2.3.18.1 SelectionMethod <SelctnMtd>

*Presence:* [0..1]

*Definition:* Method used by the cardholder and the terminal for the choice of the account.

*Datatype:* "AccountChoiceMethod1Code" on page 2378

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

#### 2.4.2.3.18.2 SelectedAccountType <SelctdAcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 2.4.2.3.18.3 AccountName <AcctNm>

*Presence:* [0..1]

*Definition:* Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

*Usage:* The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

*Datatype:* "Max70Text" on page 2427

#### 2.4.2.3.18.4 AccountOwner <AcctOwnr>

*Presence:* [0..1]

*Definition:* Party that legally owns the account.

**AccountOwner <AcctOwnr>** contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[1..1]	Text		112
	<b>Address</b> <Adr>	[1..1]	±		112

##### 2.4.2.3.18.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and is usually used to identify that identity.

*Datatype:* "Max70Text" on page 2427

##### 2.4.2.3.18.4.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Postal address of a party.

**Address <Adr>** contains the following elements (see "PostalAddress1" on page 2322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2323
	AddressLine <AdrLine>	[0..5]	Text		2323
	StreetName <StrtNm>	[0..1]	Text		2323
	BuildingNumber <BldgNb>	[0..1]	Text		2323
	PostCode <PstCd>	[0..1]	Text		2324
	TownName <TwnNm>	[0..1]	Text		2324
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2324
	Country <Ctry>	[1..1]	CodeSet	C1	2324

##### 2.4.2.3.18.5 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Identification of the currency in which the account is held.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 2.4.2.3.18.6 AccountIdentifier <AcctIdr>

*Presence:* [0..1]

*Definition:* Unique identifier of the account, as assigned by the account servicer.

**AccountIdentifier <AcctIdr>** contains one of the following **AccountIdentification39Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>Card</b> <Card>	[1..1]	Text		113
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		113
Or	<b>EMail</b> <EMail>	[1..1]	Text		113
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	113
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		114
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		114
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		114
Or}	<b>Other</b> <Othr>	[1..1]	Text		114

##### 2.4.2.3.18.6.1 Card <Card>

*Presence:* [1..1]

*Definition:* PAN of the card identifying the account.

*Datatype:* "Min8Max28NumericText" on page 2429

##### 2.4.2.3.18.6.2 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

*Datatype:* "Max16Text" on page 2425

##### 2.4.2.3.18.6.3 EMail <EMail>

*Presence:* [1..1]

*Definition:* E-mail identifying the account.

*Datatype:* "Max256Text" on page 2425

##### 2.4.2.3.18.6.4 IBAN <IBAN>

*Presence:* [1..1]

*Definition:* International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

*Impacted by:* C5 "IBAN"

*Datatype:* "IBANIdentifier" on page 2421

#### **Constraints**

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

#### **2.4.2.3.18.6.5 BBAN <BBAN>**

*Presence:* [1..1]

*Definition:* Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

*Datatype:* "BBANIdentifier" on page 2421

#### **2.4.2.3.18.6.6 UPIC <UPIC>**

*Presence:* [1..1]

*Definition:* Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Datatype:* "UPICIdentifier" on page 2422

#### **2.4.2.3.18.6.7 Domestic <Dmst>**

*Presence:* [1..1]

*Definition:* Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.3.18.6.8 Other <Othr>**

*Presence:* [1..1]

*Definition:* Other identifier.

*Datatype:* "Max35Text" on page 2426

#### **2.4.2.3.18.7 Servicer <Svcr>**

*Presence:* [0..1]

*Definition:* Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

**Servicer <Svcr>** contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	115
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		115

#### 2.4.2.3.18.7.1 AnyBIC <AnyBIC>

*Presence:* [1..1]

*Definition:* Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

##### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

#### 2.4.2.3.18.7.2 ProprietaryIdentification <PrtryId>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <PrtryId>** contains the following elements (see "GenericIdentification1" on page 2242 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2243
	SchemeName <SchmeNm>	[0..1]	Text		2243
	Issuer <Issr>	[0..1]	Text		2243

#### 2.4.2.3.19 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2427

#### 2.4.2.4 SupplementaryData <SplmtryData>

*Presence:* [0..\*]

*Definition:* Additional information incorporated as an extension to the message.

*Impacted by:* C6 "SupplementaryDataRule"

**SupplementaryData <SplmtryData>** contains the following elements (see "[SupplementaryData1](#)" on page 2253 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2254
	Envelope <Envlp>	[1..1]	(External Schema)		2254

#### Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

## 2.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		116
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		116

### 2.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "[ContentType2Code](#)" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 2.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]



*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData** <AuthntcdData> contains the following elements (see "AuthenticatedData6" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

## **3 caaa.002.001.09 AcceptorAuthorisationResponseV09**

### **3.1 MessageDefinition Functionality**

The AcceptorAuthorisationResponse message is sent by the acquirer (or its agent) to an acceptor (or its agent), to return the result of the validation made by issuer about the payment transaction.

#### Outline

The AcceptorAuthorisationResponseV09 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Authorisation response message management information.
- B. AuthorisationResponse  
Information related to the response of the authorisation.
- C. SecurityTrailer  
Trailer of the message containing a MAC.

## 3.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrAuthstnRspn>	[1..1]			
	Header <Hdr>	[1..1]			128
	MessageFunction <MsgFctn>	[1..1]	CodeSet		128
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		130
	ExchangeIdentification <XchgId>	[1..1]	Quantity		130
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		130
	CreationDateTime <CreDtTm>	[1..1]	DateTime		130
	InitiatingParty <InitgPty>	[1..1]	±		130
	RecipientParty <RcptPty>	[0..1]	±		130
	Traceability <Tracblt>	[0..*]	±		131
	AuthorisationResponse <AuthstnRspn>	[1..1]			131
	Environment <Envt>	[1..1]			140
	Acquirer <Acqrr>	[0..1]	±		145
	Merchant <Mrchnt>	[0..1]			145
	Identification <Id>	[0..1]	±		145
	CommonName <CmonNm>	[0..1]	Text		146
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		146
	LocationAndContact <LctnAndCtct>	[0..1]	±		146
	SchemeData <SchmeData>	[0..1]	Text		147
	POI <POI>	[0..1]			147
	Identification <Id>	[1..1]	±		147
	SystemName <SysNm>	[0..1]	Text		148
	GroupIdentification <GrpId>	[0..1]	Text		148
	Capabilities <Cpblties>	[0..1]	±		148
	TimeZone <TmZone>	[0..1]	Text		149
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		149
	Component <Cmpnt>	[0..*]	±		150
	Card <Card>	[0..1]			152
	ProtectedCardData <PrtctdCardData>	[0..1]	±		153
	PrivateCardData <PrvtCardData>	[0..1]	Binary		153

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		153
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		154
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		154
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		154
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		154
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		154
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		155
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		155
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		155
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		155
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		155
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		155
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		156
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		156
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		156
	<b>Wallet</b> <Wlt>	[0..1]	±		156
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		156
	<b>Cardholder</b> <Crhdldr>	[0..1]			157
	<b>Identification</b> <Id>	[0..1]			161
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		161
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		161
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		162
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		162
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		162
	<b>SocialSecurityNumber</b> <ScISctyNb>	[0..1]	Text		162
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		162
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		162
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		162
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		162
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		163
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		163

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		163
	<b>Department</b> <Dept>	[0..1]	Text		163
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		163
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			163
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		163
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		164
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		164
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	164
	<b>Other</b> <Othr>	[0..*]	±		164
	<b>Name</b> <Nm>	[0..1]	Text		164
	<b>Language</b> <Lang>	[0..1]	CodeSet	C4	164
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		165
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		165
	<b>TripNumber</b> <TripNb>	[0..1]	Text		166
	<b>Vehicle</b> <Vhcl>	[0..1]	±		166
	<b>Authentication</b> <Authntcn>	[0..*]			167
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		169
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		170
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		171
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		171
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			171
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		171
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		172
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		172
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			172
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		173
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		173
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		173
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		174
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		174
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		174

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		174
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		174
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		174
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		174
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		174
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		175
	<b>JobNumber</b> <JobNb>	[0..1]	Text		175
	<b>Department</b> <Dept>	[0..1]	Text		175
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		175
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			175
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		175
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		175
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		176
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	176
	<b>Other</b> <Othr>	[0..*]	±		176
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			176
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		176
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		177
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		177
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		177
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		177
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			177
	<b>Identification</b> <Id>	[1..1]	Text		178
	<b>Value</b> <Val>	[0..1]	Binary		178
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		178
	<b>Type</b> <Tp>	[0..1]	Text		178
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			178
	<b>Method</b> <Mtd>	[1..1]	CodeSet		179
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		180
	<b>Result</b> <Rslt>	[0..1]	CodeSet		180
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		180

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		181
	<b>MobileData</b> <MobData>	[0..*]			181
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		181
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		181
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		182
	<b>Geolocation</b> <Glctr>	[0..1]			182
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			182
	<b>Latitude</b> <Lat>	[1..1]	Text		182
	<b>Longitude</b> <Long>	[1..1]	Text		182
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			183
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		183
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		183
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		183
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			183
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		184
	<b>IMSI</b> <IMSI>	[0..1]	Text		184
	<b>IMEI</b> <IMEI>	[0..1]	Text		184
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		184
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		184
	<b>Transaction</b> <Tx>	[1..1]			185
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		188
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		188
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		188
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		188
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		188
	<b>InterchangeData</b> <IntrchnngData>	[0..1]	Text		188
	<b>TransactionDetails</b> <TxDtls>	[1..1]			188
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	190
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		191
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		191
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		191

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		191
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		192
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		192
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		192
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		192
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		192
	<b>UnattendedLevelCategory</b> <UatnddLvCtgy>	[0..1]	Text		193
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		193
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			194
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		196
	<b>Conversion</b> <Convs>	[0..1]			196
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		197
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			198
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	198
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		198
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		198
	<b>Name</b> <Nm>	[0..1]	Text		198
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		198
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		199
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		199
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		199
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		199
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			199
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	199
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		200
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		200
	<b>Name</b> <Nm>	[0..1]	Text		200
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			200
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		200
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		200
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		201



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			201
	<b>Amount</b> <Amt>	[1..1]	Amount		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			201
	<b>Rate</b> <Rate>	[1..1]	Rate		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		202
	<b>Instalment</b> <Instlmt>	[0..1]	±		202
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		203
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		203
	<b>SaleItem</b> <Saleitm>	[0..*]	±		204
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		204
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			204
	<b>Identification</b> <Id>	[1..1]	Text		205
	<b>Value</b> <Val>	[0..1]	Binary		205
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		205
	<b>Type</b> <Tp>	[0..1]	Text		205
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		205
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		206
	<b>TransactionResponse</b> <TxRspn>	[1..1]			206
	<b>AuthorisationResult</b> <AuthstnRslt>	[1..1]			209
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		209
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			209
	<b>Response</b> <Rspn>	[1..1]	CodeSet		210
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		210
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		210
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		210
	<b>CompletionRequired</b> <CmpltnReqrd>	[0..1]	Indicator		210
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			211
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		211
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		211

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TMSContactDateTime</b> <TMSctctDtTm>	[0..1]	DateTime		211
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			211
	<b>Method</b> <Mtd>	[1..1]	CodeSet		212
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		213
	<b>Result</b> <Rslt>	[0..1]	CodeSet		213
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		213
	<b>AllowedProductCode</b> <AllwdPdctCd>	[0..*]			214
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		214
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		214
	<b>NotAllowedProductCode</b> <NotAllwdPdctCd>	[0..*]			214
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		214
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		214
	<b>AdditionalAvailableProduct</b> <AddtlAvlblPdct>	[0..*]			214
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		215
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		215
	<b>AmountLimit</b> <AmtLmt>	[0..1]	Amount		215
	<b>QuantityLimit</b> <QtyLmt>	[0..1]	Quantity		215
	<b>UnitOfMeasure</b> <UnitOfMeasr>	[0..1]	CodeSet		215
	<b>Balance</b> <Bal>	[0..1]	±		217
	<b>ProtectedBalance</b> <PrctcdBal>	[0..1]	±		217
	<b>Action</b> <Actn>	[0..*]			218
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		218
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		219
	<b>CurrencyConversionEligibility</b> <CcyConvslgblty>	[0..1]			219
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		220
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			221
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	221
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		221
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		221
	<b>Name</b> <Nm>	[0..1]	Text		221
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		222

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		222
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		222
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		222
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		222
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			222
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	222
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		223
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		223
	<b>Name</b> <Nm>	[0..1]	Text		223
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			223
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		223
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		223
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		224
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			224
	<b>Amount</b> <Amt>	[1..1]	Amount		224
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		224
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			224
	<b>Rate</b> <Rate>	[1..1]	Rate		224
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		225
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		225
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C3	225
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			226
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		226
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		226

## 3.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

## C2 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

## C3 SupplementaryDataRule

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

## C4 ValidationByTable

Must be a valid terrestrial language.

## C5 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

## 3.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 3.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Authorisation response message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		128
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		130
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		130
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		130
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		130
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		130
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		130
	<b>Traceability</b> <Tracblt>	[0..*]	±		131

#### 3.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.

CodeName	Name	Definition
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.

CodeName	Name	Definition
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

### 3.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

### 3.4.1.3 ExchangeIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

### 3.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

### 3.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

### 3.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

### 3.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "GenericIdentification177" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2248

### 3.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "Traceability8" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

## 3.4.2 AuthorisationResponse <AuthstnRspn>

*Presence:* [1..1]

*Definition:* Information related to the response of the authorisation.

**AuthorisationResponse <AuthstnRspn>** contains the following **AcceptorAuthorisationResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]			140
	<b>Acquirer</b> <Acqrr>	[0..1]	±		145
	<b>Merchant</b> <Mrchnt>	[0..1]			145
	<b>Identification</b> <Id>	[0..1]	±		145
	<b>CommonName</b> <CmonNm>	[0..1]	Text		146
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		146
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		146
	<b>SchemaData</b> <SchmeData>	[0..1]	Text		147
	<b>POI</b> <POI>	[0..1]			147
	<b>Identification</b> <Id>	[1..1]	±		147
	<b>SystemName</b> <SysNm>	[0..1]	Text		148
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		148
	<b>Capabilities</b> <Cpblties>	[0..1]	±		148
	<b>TimeZone</b> <TmZone>	[0..1]	Text		149
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		149
	<b>Component</b> <Cmpnt>	[0..*]	±		150
	<b>Card</b> <Card>	[0..1]			152
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		153
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		153
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		153
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		154
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		154
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		154
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		154
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		154
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		155
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		155
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		155
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		155
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		155



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		155
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		156
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		156
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		156
	<b>Wallet</b> <Wlt>	[0..1]	±		156
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		156
	<b>Cardholder</b> <Crhdldr>	[0..1]			157
	<b>Identification</b> <Id>	[0..1]			161
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		161
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		161
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		162
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		162
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		162
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		162
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		162
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		162
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		162
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		162
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		163
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		163
	<b>JobNumber</b> <JobNb>	[0..1]	Text		163
	<b>Department</b> <Dept>	[0..1]	Text		163
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		163
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			163
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		163
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		164
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		164
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	164
	<b>Other</b> <Othr>	[0..*]	±		164
	<b>Name</b> <Nm>	[0..1]	Text		164
	<b>Language</b> <Lang>	[0..1]	CodeSet	C4	164

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BlgAdr>	[0..1]	±		165
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		165
	<b>TripNumber</b> <TripNb>	[0..1]	Text		166
	<b>Vehicle</b> <Vhcl>	[0..1]	±		166
	<b>Authentication</b> <Authntcn>	[0..*]			167
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		169
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		170
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		171
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		171
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			171
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		171
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		172
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		172
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			172
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		173
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		173
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		173
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		174
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		174
	<b>SocialSecurityNumber</b> <ScIStctyNb>	[0..1]	Text		174
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		174
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		174
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		174
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		174
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		174
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		175
	<b>JobNumber</b> <JobNb>	[0..1]	Text		175
	<b>Department</b> <Dept>	[0..1]	Text		175
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		175
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			175
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		175

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		175
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		176
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	176
	<b>Other</b> <Othr>	[0..*]	±		176
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			176
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		176
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		177
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		177
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		177
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		177
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			177
	<b>Identification</b> <Id>	[1..1]	Text		178
	<b>Value</b> <Val>	[0..1]	Binary		178
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		178
	<b>Type</b> <Tp>	[0..1]	Text		178
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			178
	<b>Method</b> <Mtd>	[1..1]	CodeSet		179
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		180
	<b>Result</b> <Rslt>	[0..1]	CodeSet		180
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		180
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		181
	<b>MobileData</b> <MobData>	[0..*]			181
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		181
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		181
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		182
	<b>Geolocation</b> <Glctn>	[0..1]			182
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			182
	<b>Latitude</b> <Lat>	[1..1]	Text		182
	<b>Longitude</b> <Long>	[1..1]	Text		182
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			183
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		183

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		183
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		183
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			183
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		184
	<b>IMSI</b> <IMSI>	[0..1]	Text		184
	<b>IMEI</b> <IMEI>	[0..1]	Text		184
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		184
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		184
	<b>Transaction</b> <Tx>	[1..1]			185
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		188
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		188
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		188
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		188
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		188
	<b>InterchangeData</b> <IntrchnData>	[0..1]	Text		188
	<b>TransactionDetails</b> <TxDtls>	[1..1]			188
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	190
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		191
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		191
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		191
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		191
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		192
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		192
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		192
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		192
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		192
	<b>UnattendedLevelCategory</b> <UatnddLvCtgy>	[0..1]	Text		193
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		193
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			194
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		196
	<b>Conversion</b> <Convs>	[0..1]			196

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvsl>	[0..1]	Text		197
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			198
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	198
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		198
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		198
	<b>Name</b> <Nm>	[0..1]	Text		198
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		198
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		199
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		199
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		199
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		199
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			199
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	199
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		200
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		200
	<b>Name</b> <Nm>	[0..1]	Text		200
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			200
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		200
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		200
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		201
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			201
	<b>Amount</b> <Amt>	[1..1]	Amount		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			201
	<b>Rate</b> <Rate>	[1..1]	Rate		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		202
	<b>Instalment</b> <Instlmt>	[0..1]	±		202
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		203
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		203
	<b>SaleItem</b> <Saleitm>	[0..*]	±		204

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		204
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			204
	<b>Identification</b> <Id>	[1..1]	Text		205
	<b>Value</b> <Val>	[0..1]	Binary		205
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		205
	<b>Type</b> <Tp>	[0..1]	Text		205
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		205
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		206
	<b>TransactionResponse</b> <TxRspn>	[1..1]			206
	<b>AuthorisationResult</b> <AuthstnRslt>	[1..1]			209
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		209
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			209
	<b>Response</b> <Rspn>	[1..1]	CodeSet		210
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		210
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		210
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		210
	<b>CompletionRequired</b> <CmpltnReqrd>	[0..1]	Indicator		210
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			211
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		211
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		211
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		211
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			211
	<b>Method</b> <Mtd>	[1..1]	CodeSet		212
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		213
	<b>Result</b> <Rslt>	[0..1]	CodeSet		213
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		213
	<b>AllowedProductCode</b> <AllwdPdctCd>	[0..*]			214
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		214
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		214
	<b>NotAllowedProductCode</b> <NotAllwdPdctCd>	[0..*]			214
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		214

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		214
	<b>AdditionalAvailableProduct</b> <AddtlAvlblPdct>	[0..*]			214
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		215
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		215
	<b>AmountLimit</b> <AmtLmt>	[0..1]	Amount		215
	<b>QuantityLimit</b> <QtyLmt>	[0..1]	Quantity		215
	<b>UnitOfMeasure</b> <UnitOfMeasr>	[0..1]	CodeSet		215
	<b>Balance</b> <Bal>	[0..1]	±		217
	<b>ProtectedBalance</b> <PrctcdBal>	[0..1]	±		217
	<b>Action</b> <Actn>	[0..*]			218
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		218
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		219
	<b>CurrencyConversionEligibility</b> <CcyConvsElgblty>	[0..1]			219
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		220
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			221
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	221
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		221
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		221
	<b>Name</b> <Nm>	[0..1]	Text		221
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		222
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		222
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		222
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		222
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		222
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			222
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	222
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		223
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		223
	<b>Name</b> <Nm>	[0..1]	Text		223
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			223
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		223

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		223
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		224
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			224
	<b>Amount</b> <Amt>	[1..1]	Amount		224
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		224
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			224
	<b>Rate</b> <Rate>	[1..1]	Rate		224
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		225
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		225
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C3	225

### 3.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.



**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		145
	<b>Merchant</b> <Mrchnt>	[0..1]			145
	<b>Identification</b> <Id>	[0..1]	±		145
	<b>CommonName</b> <CmonNm>	[0..1]	Text		146
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		146
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		146
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		147
	<b>POI</b> <POI>	[0..1]			147
	<b>Identification</b> <Id>	[1..1]	±		147
	<b>SystemName</b> <SysNm>	[0..1]	Text		148
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		148
	<b>Capabilities</b> <Cpblties>	[0..1]	±		148
	<b>TimeZone</b> <TmZone>	[0..1]	Text		149
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		149
	<b>Component</b> <Cmpnt>	[0..*]	±		150
	<b>Card</b> <Card>	[0..1]			152
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		153
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		153
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		153
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		154
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		154
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		154
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		154
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		154
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		155
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		155
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		155
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		155
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		155
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		155
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		156

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		156
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		156
	<b>Wallet</b> <Wlt>	[0..1]	±		156
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		156
	<b>Cardholder</b> <Crhdldr>	[0..1]			157
	<b>Identification</b> <Id>	[0..1]			161
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		161
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		161
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		162
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		162
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		162
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		162
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		162
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		162
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		162
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		162
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		163
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		163
	<b>JobNumber</b> <JobNb>	[0..1]	Text		163
	<b>Department</b> <Dept>	[0..1]	Text		163
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		163
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			163
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		163
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		164
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		164
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	164
	<b>Other</b> <Othr>	[0..*]	±		164
	<b>Name</b> <Nm>	[0..1]	Text		164
	<b>Language</b> <Lang>	[0..1]	CodeSet	C4	164
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		165
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		165

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		166
	<b>Vehicle</b> <Vhcl>	[0..1]	±		166
	<b>Authentication</b> <Authntcn>	[0..*]			167
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		169
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		170
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		171
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		171
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			171
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		171
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		172
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		172
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			172
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		173
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		173
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		173
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		174
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		174
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		174
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		174
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		174
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		174
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		174
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		174
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		175
	<b>JobNumber</b> <JobNb>	[0..1]	Text		175
	<b>Department</b> <Dept>	[0..1]	Text		175
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		175
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			175
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		175
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		175
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		176

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	176
	<b>Other</b> <Othr>	[0..*]	±		176
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			176
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		176
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		177
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		177
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		177
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		177
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			177
	<b>Identification</b> <Id>	[1..1]	Text		178
	<b>Value</b> <Val>	[0..1]	Binary		178
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		178
	<b>Type</b> <Tp>	[0..1]	Text		178
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			178
	<b>Method</b> <Mtd>	[1..1]	CodeSet		179
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		180
	<b>Result</b> <Rslt>	[0..1]	CodeSet		180
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		180
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		181
	<b>MobileData</b> <MobData>	[0..*]			181
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		181
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		181
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		182
	<b>Geolocation</b> <Glctn>	[0..1]			182
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			182
	<b>Latitude</b> <Lat>	[1..1]	Text		182
	<b>Longitude</b> <Long>	[1..1]	Text		182
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			183
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		183
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		183
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		183

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			183
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		184
	<b>IMSI</b> <IMSI>	[0..1]	Text		184
	<b>IMEI</b> <IMEI>	[0..1]	Text		184
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		184
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		184

#### 3.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 3.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		145
	<b>CommonName</b> <CmonNm>	[0..1]	Text		146
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		146
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		146
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		147

##### 3.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 3.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 3.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 3.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 3.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 3.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		147
	<b>SystemName</b> <SysNm>	[0..1]	Text		148
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		148
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		148
	<b>TimeZone</b> <TmZone>	[0..1]	Text		149
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		149
	<b>Component</b> <Cmpnt>	[0..*]	±		150

##### 3.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 3.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 3.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 3.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.



**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

### 3.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

### 3.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 3.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 3.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		153
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		153
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		153
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		154
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		154
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		154
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		154
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		154
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		155
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		155
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		155
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		155
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		155
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		155
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		156
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		156

#### 3.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 3.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 3.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 3.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 3.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 3.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 3.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 3.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 3.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 3.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 3.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 3.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 3.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 3.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 3.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.



**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 3.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			161
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		161
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		161
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		162
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		162
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		162
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		162
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		162
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		162
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		162
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		162
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		163
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		163
	<b>JobNumber</b> <JobNb>	[0..1]	Text		163
	<b>Department</b> <Dept>	[0..1]	Text		163
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		163
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			163
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		163
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		164
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		164
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	164
	<b>Other</b> <Othr>	[0..*]	±		164
	<b>Name</b> <Nm>	[0..1]	Text		164
	<b>Language</b> <Lang>	[0..1]	CodeSet	C4	164
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		165
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		165
	<b>TripNumber</b> <TripNb>	[0..1]	Text		166
	<b>Vehicle</b> <Vhcl>	[0..1]	±		166
	<b>Authentication</b> <Authntcn>	[0..*]			167
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		169
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		170

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		171
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		171
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			171
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		171
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		172
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		172
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			172
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		173
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		173
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		173
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		174
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		174
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		174
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		174
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		174
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		174
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		174
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		174
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		175
	<b>JobNumber</b> <JobNb>	[0..1]	Text		175
	<b>Department</b> <Dept>	[0..1]	Text		175
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		175
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			175
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		175
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		175
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		176
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	176
	<b>Other</b> <Othr>	[0..*]	±		176
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			176
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		176
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		177
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		177
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		177
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			177
	<b>Identification</b> <Id>	[1..1]	Text		178
	<b>Value</b> <Val>	[0..1]	Binary		178
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		178
	<b>Type</b> <Tp>	[0..1]	Text		178
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			178
	<b>Method</b> <Mtd>	[1..1]	CodeSet		179
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		180
	<b>Result</b> <Rslt>	[0..1]	CodeSet		180
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		180
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		181
	<b>MobileData</b> <MobData>	[0..*]			181
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		181
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		181
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		182
	<b>Geolocation</b> <Glctn>	[0..1]			182
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			182
	<b>Latitude</b> <Lat>	[1..1]	Text		182
	<b>Longitude</b> <Long>	[1..1]	Text		182
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			183
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		183
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		183
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		183
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			183
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		184
	<b>IMSI</b> <IMSI>	[0..1]	Text		184
	<b>IMEI</b> <IMEI>	[0..1]	Text		184
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		184

### 3.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		161
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		161
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		162
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		162
	<b>CustomerNumber</b> <CstmNb>	[0..1]	Text		162
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		162
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		162
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		162
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		162
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		162
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		163
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		163
	<b>JobNumber</b> <JobNb>	[0..1]	Text		163
	<b>Department</b> <Dept>	[0..1]	Text		163
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		163
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			163
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		163
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		164
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		164
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	164
	<b>Other</b> <Othr>	[0..*]	±		164

#### 3.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 3.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		163
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		164
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		164
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	164

##### 3.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 3.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 3.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 3.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 3.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C4 "ValidationByTable"



*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 3.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 3.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 3.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 3.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		169
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		170
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		171
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		171
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			171
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		171
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		172
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		172
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			172
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		173
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		173
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		173
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		174
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		174
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		174
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		174
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		174
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		174
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		174
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		174
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		175
	<b>JobNumber</b> <JobNb>	[0..1]	Text		175
	<b>Department</b> <Dept>	[0..1]	Text		175
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		175
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			175
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		175
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		175
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		176
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	176
	<b>Other</b> <Othr>	[0..*]	±		176
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			176

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		176
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		177
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		177
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		177
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		177
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			177
	<b>Identification</b> <Id>	[1..1]	Text		178
	<b>Value</b> <Val>	[0..1]	Binary		178
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		178
	<b>Type</b> <Tp>	[0..1]	Text		178

#### 3.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

### 3.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 3.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 3.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 3.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		171
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		172
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		172

##### 3.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 3.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 3.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.



**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		173
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		173
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		173
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		174
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		174
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		174
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		174
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		174
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		174
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		174
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		174
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		175
	<b>JobNumber</b> <JobNb>	[0..1]	Text		175
	<b>Department</b> <Dept>	[0..1]	Text		175
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		175
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			175
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		175
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		175
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		176
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	176
	<b>Other</b> <Othr>	[0..*]	±		176

#### 3.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **3.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 3.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		175
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		175
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		176
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	176

##### 3.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 3.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 3.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 3.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		176
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		177

#### 3.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 3.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 3.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 3.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		178
	<b>Value</b> <Val>	[0..1]	Binary		178
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		178
	<b>Type</b> <Tp>	[0..1]	Text		178

#### 3.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 3.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 3.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 3.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 3.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		179
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		180
	<b>Result</b> <RsIt>	[0..1]	CodeSet		180
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		180

#### 3.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 3.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 3.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 3.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427



### 3.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

### 3.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		181
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		181
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		182
	<b>Geolocation</b> <Glctn>	[0..1]			182
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			182
	<b>Latitude</b> <Lat>	[1..1]	Text		182
	<b>Longitude</b> <Long>	[1..1]	Text		182
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			183
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		183
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		183
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		183
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			183
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		184
	<b>IMSI</b> <IMSI>	[0..1]	Text		184
	<b>IMEI</b> <IMEI>	[0..1]	Text		184
	<b>ProtectedMobileData</b> <PrctdMobData>	[0..1]	±		184

#### 3.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

#### 3.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

### 3.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

### 3.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			182
	<b>Latitude</b> <Lat>	[1..1]	Text		182
	<b>Longitude</b> <Long>	[1..1]	Text		182
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			183
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		183
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		183
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		183

### 3.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		182
	<b>Longitude</b> <Long>	[1..1]	Text		182

#### 3.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		183
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		183
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		183

##### 3.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 3.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 3.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		184
	<b>IMSI</b> <IMSI>	[0..1]	Text		184
	<b>IMEI</b> <IMEI>	[0..1]	Text		184

#### 3.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 3.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 3.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 3.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 3.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

### 3.4.2.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Authorisation of a card payment transaction between an acceptor and an acquirer.

**Transaction <Tx>** contains the following **CardPaymentTransaction93** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		188
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		188
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		188
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		188
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		188
	<b>InterchangeData</b> <IntrchgData>	[0..1]	Text		188
	<b>TransactionDetails</b> <TxDtls>	[1..1]			188
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	190
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		191
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		191
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		191
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		191
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		192
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		192
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		192
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		192
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		192
	<b>UnattendedLevelCategory</b> <UattnddLvlCtgy>	[0..1]	Text		193
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		193
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			194
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		196
	<b>Conversion</b> <Convs>	[0..1]			196
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		197
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			198
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	198
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		198
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		198
	<b>Name</b> <Nm>	[0..1]	Text		198
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		198
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		199
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		199

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		199
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		199
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			199
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	199
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		200
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		200
	<b>Name</b> <Nm>	[0..1]	Text		200
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			200
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		200
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		200
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		201
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			201
	<b>Amount</b> <Amt>	[1..1]	Amount		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			201
	<b>Rate</b> <Rate>	[1..1]	Rate		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		202
	<b>Instalment</b> <Instlmt>	[0..1]	±		202
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		203
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		203
	<b>SaleItem</b> <SaleItm>	[0..*]	±		204
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		204
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			204
	<b>Identification</b> <Id>	[1..1]	Text		205
	<b>Value</b> <Val>	[0..1]	Binary		205
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		205
	<b>Type</b> <Tp>	[0..1]	Text		205
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		205
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		206

#### 3.4.2.2.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.2.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 3.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 3.4.2.2.5 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.2.6 InterchangeData <IntrchgData>

*Presence:* [0..1]

*Definition:* Interchange information related to the card scheme.

*Datatype:* "Max140Text" on page 2424

#### 3.4.2.2.7 TransactionDetails <TxDtIs>

*Presence:* [1..1]

*Definition:* Detail of the transaction transported.



**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	190
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		191
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		191
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		191
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		191
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		192
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		192
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		192
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		192
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		192
	<b>UnattendedLevelCategory</b> <UattnddLvltCtgy>	[0..1]	Text		193
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		193
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			194
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		196
	<b>Conversion</b> <Convs>	[0..1]			196
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		197
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			198
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	198
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		198
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		198
	<b>Name</b> <Nm>	[0..1]	Text		198
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		198
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		199
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		199
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		199
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		199
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			199
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	199
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		200
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		200
	<b>Name</b> <Nm>	[0..1]	Text		200

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			200
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		200
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		200
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		201
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			201
	<b>Amount</b> <Amt>	[1..1]	Amount		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			201
	<b>Rate</b> <Rate>	[1..1]	Rate		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		202
	<b>Instalment</b> <Instlmt>	[0..1]	±		202
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		203
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		203
	<b>SaleItem</b> <Saleitm>	[0..*]	±		204
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		204
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			204
	<b>Identification</b> <Id>	[1..1]	Text		205
	<b>Value</b> <Val>	[0..1]	Binary		205
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		205
	<b>Type</b> <Tp>	[0..1]	Text		205
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		205

### 3.4.2.2.7.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 3.4.2.2.7.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 3.4.2.2.7.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

*Definition:* Contains the updated amount of all authorisations related to the same business transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 3.4.2.2.7.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2416

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

#### 3.4.2.2.7.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

*Definition:* Detailed amounts associated with the total amount of transaction.

**DetailedAmount <DtldAmt>** contains the following elements (see "DetailedAmount15" on page 1841 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1841
	CashBack <CshBck>	[0..1]	Amount		1841
	Gratuity <Grtty>	[0..1]	Amount		1842
	Fees <Fees>	[0..*]	±		1842
	Rebate <Rbt>	[0..*]	±		1842
	ValueAddedTax <ValAddedTax>	[0..*]	±		1842
	Surcharge <Srchr>	[0..*]	±		1842

#### 3.4.2.2.7.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 3.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 3.4.2.2.7.8 InvoiceAmount <InvcAmt>

*Presence:* [0..1]

*Definition:* Amount of the transaction that will be invoiced to the cardholder.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 3.4.2.2.7.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 3.4.2.2.7.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason1Code" on page 2407

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.

CodeName	Name	Definition
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.

#### 3.4.2.2.7.11 UnattendedLevelCategory <UatnddLvlCtgy>

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended POI (Point Of Interaction).

*Datatype:* "Max35NumericText" on page 2426

#### 3.4.2.2.7.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.

CodeName	Name	Definition
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 3.4.2.2.7.13 CurrencyConversionResult <CcyConvsRslt>

*Presence:* [0..1]

*Definition:* Result of the currency conversion proposed to the cardholder.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		196
	<b>Conversion</b> <Convs>	[0..1]			196
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		197
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			198
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	198
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		198
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		198
	<b>Name</b> <Nm>	[0..1]	Text		198
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		198
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		199
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		199
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		199
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		199
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			199
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	199
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		200
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		200
	<b>Name</b> <Nm>	[0..1]	Text		200
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			200
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		200
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		200
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		201
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			201
	<b>Amount</b> <Amt>	[1..1]	Amount		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			201
	<b>Rate</b> <Rate>	[1..1]	Rate		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		202

#### **3.4.2.2.7.13.1 AcceptedByCardholder <AccptdByCrdhldr>**

*Presence:* [0..1]

*Definition:* True if the cardholder has accepted the currency conversion that the acquirer has proposed.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **3.4.2.2.7.13.2 Conversion <Convs>**

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.



**Conversion <Convs>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		197
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			198
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	198
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		198
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		198
	<b>Name</b> <Nm>	[0..1]	Text		198
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		198
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		199
	<b>InvertedExchangeRate</b> <NvtrdXchgRate>	[0..1]	Rate		199
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		199
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		199
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			199
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	199
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		200
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		200
	<b>Name</b> <Nm>	[0..1]	Text		200
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			200
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		200
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		200
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		201
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			201
	<b>Amount</b> <Amt>	[1..1]	Amount		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			201
	<b>Rate</b> <Rate>	[1..1]	Rate		201
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		201
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		202

### 3.4.2.2.7.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

### 3.4.2.2.7.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	198
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		198
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		198
	<b>Name</b> <Nm>	[0..1]	Text		198

#### 3.4.2.2.7.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 3.4.2.2.7.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 3.4.2.2.7.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 3.4.2.2.7.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.2.7.13.2.3 ResultingAmount <RsltAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 3.4.2.2.7.13.2.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 3.4.2.2.7.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 3.4.2.2.7.13.2.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 3.4.2.2.7.13.2.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 3.4.2.2.7.13.2.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	199
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		200
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		200
	<b>Name</b> <Nm>	[0..1]	Text		200

##### 3.4.2.2.7.13.2.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 3.4.2.2.7.13.2.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 3.4.2.2.7.13.2.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 3.4.2.2.7.13.2.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.2.7.13.2.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount &lt;ActlAmt&gt;</b>	[0..1]	Amount		200
	<b>MinimumAmount &lt;MinAmt&gt;</b>	[0..1]	Amount		200
	<b>MaximumAmount &lt;MaxAmt&gt;</b>	[0..1]	Amount		201

##### 3.4.2.2.7.13.2.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 3.4.2.2.7.13.2.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 3.4.2.2.7.13.2.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 3.4.2.2.7.13.2.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount &lt;Amt&gt;</b>	[1..1]	Amount		201
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		201

#### 3.4.2.2.7.13.2.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 3.4.2.2.7.13.2.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

### 3.4.2.2.7.13.2.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate &lt;Rate&gt;</b>	[1..1]	Rate		201
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		201

#### 3.4.2.2.7.13.2.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

#### 3.4.2.2.7.13.2.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

### 3.4.2.2.7.13.2.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

### 3.4.2.2.7.14 Instalment <Instlmt>

*Presence:* [0..1]

*Definition:* Data related to a financial loan (instalment) or to a recurring transaction.

**Instalment <Instlmt>** contains the following elements (see ["RecurringTransaction2"](#) on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2317
	PlanIdentification <PlanId>	[0..1]	Text		2317
	SequenceNumber <SeqNb>	[0..1]	Quantity		2317
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2317
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2318
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2318
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2318
	TotalAmount <TtlAmt>	[0..1]	Amount	C8	2318
	FirstAmount <FrstAmt>	[0..1]	Amount		2318
	Charges <Chrgs>	[0..1]	Amount		2319

#### 3.4.2.2.7.15 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see ["AggregationTransaction3"](#) on page 2278 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2278
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2278
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2279
	IndividualPayment <IndvPmt>	[0..*]			2279
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Labl>	[0..1]	Text		2280

#### 3.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* ["Max10Text"](#) on page 2424

### 3.4.2.2.7.17 SaleItem <SaleItm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2304
	ProductCode <PdctCd>	[1..1]	Text		2304
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2304
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2305
	ProductQuantity <PdctQty>	[0..1]	Quantity		2306
	UnitPrice <UnitPric>	[0..1]	Amount		2306
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2307
	ProductAmount <PdctAmt>	[1..1]	Amount		2307
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2307
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2307
	TaxType <TaxTp>	[0..1]	Text		2307
	ProductDescription <PdctDesc>	[0..1]	Text		2307
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2307
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2308
	SaleChannel <SaleChanl>	[0..1]	Text		2308
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2308

### 3.4.2.2.7.18 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

*Definition:* Location of the delivery, for instance pump number or parking bay.

*Datatype:* "Max35Text" on page 2426

### 3.4.2.2.7.19 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).



**AdditionalInformation <AddtlInf>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		205
	<b>Value</b> <Val>	[0..1]	Binary		205
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		205
	<b>Type</b> <Tp>	[0..1]	Text		205

#### 3.4.2.2.7.19.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 3.4.2.2.7.19.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 3.4.2.2.7.19.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 3.4.2.2.7.19.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 3.4.2.2.7.20 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

#### **3.4.2.2.8 MerchantReferenceData <MrchntRefData>**

*Presence:* [0..1]

*Definition:* Merchant related information provided in the request.

*Datatype:* "Max70Text" on page 2427

#### **3.4.2.3 TransactionResponse <TxRspn>**

*Presence:* [1..1]

*Definition:* Authorisation response from the acquirer.

Authorisation of a card payment transaction between an acceptor and an acquirer.

**TransactionResponse <TxRspn>** contains the following **CardPaymentTransaction94** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationResult</b> <AuthstnRslt>	[1..1]			209
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		209
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			209
	<b>Response</b> <Rspn>	[1..1]	CodeSet		210
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		210
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		210
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		210
	<b>CompletionRequired</b> <CmpltnReqrd>	[0..1]	Indicator		210
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			211
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		211
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		211
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		211
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			211
	<b>Method</b> <Mtd>	[1..1]	CodeSet		212
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		213
	<b>Result</b> <Rslt>	[0..1]	CodeSet		213
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		213
	<b>AllowedProductCode</b> <AllwdPdctCd>	[0..*]			214
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		214
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		214
	<b>NotAllowedProductCode</b> <NotAllwdPdctCd>	[0..*]			214
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		214
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		214
	<b>AdditionalAvailableProduct</b> <AddtlAvlblPdct>	[0..*]			214
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		215
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		215
	<b>AmountLimit</b> <AmtLmt>	[0..1]	Amount		215
	<b>QuantityLimit</b> <QtyLmt>	[0..1]	Quantity		215
	<b>UnitOfMeasure</b> <UnitOfMeasr>	[0..1]	CodeSet		215
	<b>Balance</b> <Bal>	[0..1]	±		217
	<b>ProtectedBalance</b> <PrctcdBal>	[0..1]	±		217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Action</b> <Actn>	[0..*]			218
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		218
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		219
	<b>CurrencyConversionEligibility</b> <CcyConvsElgblty>	[0..1]			219
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		220
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			221
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	221
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		221
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		221
	<b>Name</b> <Nm>	[0..1]	Text		221
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		222
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		222
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		222
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		222
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		222
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			222
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	222
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		223
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		223
	<b>Name</b> <Nm>	[0..1]	Text		223
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			223
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		223
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		223
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		224
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			224
	<b>Amount</b> <Amt>	[1..1]	Amount		224
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		224
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			224
	<b>Rate</b> <Rate>	[1..1]	Rate		224
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		225
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		225

### 3.4.2.3.1 AuthorisationResult <AuthstnRslt>

*Presence:* [1..1]

*Definition:* Outcome of the authorisation, and actions to perform.

**AuthorisationResult <AuthstnRslt>** contains the following **AuthorisationResult14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		209
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			209
	<b>Response</b> <Rspn>	[1..1]	CodeSet		210
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		210
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		210
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		210
	<b>CompletionRequired</b> <CmpltnReqrd>	[0..1]	Indicator		210
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			211
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		211
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		211
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		211

#### 3.4.2.3.1.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 2250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2250
	Type <Tp>	[1..1]	CodeSet		2250
	Issuer <Issr>	[0..1]	CodeSet		2250
	Country <Ctry>	[0..1]	Text		2251
	ShortName <ShrtNm>	[0..1]	Text		2251

#### 3.4.2.3.1.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation request.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		210
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		210
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		210

#### 3.4.2.3.1.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response9Code" on page 2415

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

#### 3.4.2.3.1.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.3.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

#### 3.4.2.3.1.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Min6Max8Text" on page 2429

#### 3.4.2.3.1.4 CompletionRequired <CmpltnReqrd>

*Presence:* [0..1]

*Definition:* Indicates whether the acquirer requires a further exchange completion after the completion of the transaction.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

### 3.4.2.3.1.5 TMSTrigger <TMSTrgr>

*Presence:* [0..1]

*Definition:* Instructs the point of interaction (POI) how to contact the host to initiate the maintenance of the terminal.

**TMSTrigger <TMSTrgr>** contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		211
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		211
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		211

#### 3.4.2.3.1.5.1 TMSContactLevel <TMSCtctLvl>

*Presence:* [1..1]

*Definition:* Level of urgency in contacting the maintenance.

*Datatype:* "TMSContactLevel1Code" on page 2415

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

#### 3.4.2.3.1.5.2 TMSIdentification <TMSId>

*Presence:* [0..1]

*Definition:* Identification of the host to contact for the maintenance.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.3.1.5.3 TMSContactDateTime <TMSCtctDtTm>

*Presence:* [0..1]

*Definition:* Date and time for calling the maintenance.

*Datatype:* "ISODateTime" on page 2420

### 3.4.2.3.2 TransactionVerificationResult <TxVrfctnRsIt>

*Presence:* [0..\*]

*Definition:* Result of the verifications performed by the issuer to deliver or decline the authorisation.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		212
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		213
	<b>Result</b> <RsIt>	[0..1]	CodeSet		213
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		213

#### 3.4.2.3.2.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.



CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 3.4.2.3.2.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 3.4.2.3.2.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 3.4.2.3.2.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

### 3.4.2.3.3 AllowedProductCode <AllwdPdctCd>

*Presence:* [0..\*]

*Definition:* Product code which are allowed by the payment card.

**AllowedProductCode <AllwdPdctCd>** contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		214
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		214

#### 3.4.2.3.3.1 ProductCode <PdctCd>

*Presence:* [1..1]

*Definition:* Product code.

*Datatype:* "Max70Text" on page 2427

#### 3.4.2.3.3.2 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional product code related to the product.

*Datatype:* "Max70Text" on page 2427

### 3.4.2.3.4 NotAllowedProductCode <NotAllwdPdctCd>

*Presence:* [0..\*]

*Definition:* Product code not allowed by the payment card.

**NotAllowedProductCode <NotAllwdPdctCd>** contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		214
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		214

#### 3.4.2.3.4.1 ProductCode <PdctCd>

*Presence:* [1..1]

*Definition:* Product code.

*Datatype:* "Max70Text" on page 2427

#### 3.4.2.3.4.2 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional product code related to the product.

*Datatype:* "Max70Text" on page 2427

### 3.4.2.3.5 AdditionalAvailableProduct <AddtlAvlblPdct>

*Presence:* [0..\*]

*Definition:* Products that may be added to the purchase after the authorisation.

**AdditionalAvailableProduct <AddtlAvlblPdct>** contains the following **Product5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProductCode</b> <PdctCd>	[1..1]	Text		215
	<b>AdditionalProductCode</b> <AddtlPdctCd>	[0..1]	Text		215
	<b>AmountLimit</b> <AmtLmt>	[0..1]	Amount		215
	<b>QuantityLimit</b> <QtyLmt>	[0..1]	Quantity		215
	<b>UnitOfMeasure</b> <UnitOfMeasr>	[0..1]	CodeSet		215

#### 3.4.2.3.5.1 ProductCode <PdctCd>

*Presence:* [1..1]

*Definition:* Product code of the item.

*Datatype:* "Max70Text" on page 2427

#### 3.4.2.3.5.2 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional product code related to the product.

*Datatype:* "Max70Text" on page 2427

#### 3.4.2.3.5.3 AmountLimit <AmtLmt>

*Presence:* [0..1]

*Definition:* Amount limit for the product.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 3.4.2.3.5.4 QuantityLimit <QtyLmt>

*Presence:* [0..1]

*Definition:* Quantity limit for the product.

*Datatype:* "DecimalNumber" on page 2422

#### 3.4.2.3.5.5 UnitOfMeasure <UnitOfMeasr>

*Presence:* [0..1]

*Definition:* Unit of measure of the item purchased.

*Datatype:* "UnitOfMeasure6Code" on page 2417

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.

CodeName	Name	Definition
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.

CodeName	Name	Definition
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

#### 3.4.2.3.6 Balance <Bal>

*Presence:* [0..1]

*Definition:* Balance and currency code of the account, related to the payment.

**Balance <Bal>** contains the following elements (see "[AmountAndDirection93](#)" on page 1840 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1840
	Currency <Ccy>	[1..1]	CodeSet	C1	1840
	Sign <Sgn>	[0..1]	Indicator		1841

#### 3.4.2.3.7 ProtectedBalance <PrctcdBal>

*Presence:* [0..1]

*Definition:* Encrypted balance of the account.

**ProtectedBalance <PrctcdBal>** contains the following elements (see "[ContentInformationType22](#)" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

### 3.4.2.3.8 Action <Actn>

*Presence:* [0..\*]

*Definition:* Set of actions to be performed by the POI (Point Of Interaction) system.

**Action <Actn>** contains the following **Action10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		218
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		219

#### 3.4.2.3.8.1 ActionType <ActnTp>

*Presence:* [1..1]

*Definition:* Type of action to be performed by the POI (Point Of Interaction) system.

*Datatype:* "ActionType9Code" on page 2378

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.

### 3.4.2.3.8.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

*Definition:* Message to be displayed to the cardholder or the cashier.

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

### 3.4.2.3.9 CurrencyConversionEligibility <CcyConvslgblty>

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a card issuer, provided by a dedicated service provider. The currency conversion has to be proposed to the cardholder.

**CurrencyConversionEligibility <CcyConvslElgblty>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification &lt;CcyConvslId&gt;</b>	[0..1]	Text		220
	<b>TargetCurrency &lt;TrgtCcy&gt;</b>	[1..1]			221
	<b>AlphaCode &lt;AlphaCd&gt;</b>	[1..1]	CodeSet	C1	221
	<b>NumericCode &lt;NmrcCd&gt;</b>	[1..1]	Text		221
	<b>Decimal &lt;Dcml&gt;</b>	[1..1]	Quantity		221
	<b>Name &lt;Nm&gt;</b>	[0..1]	Text		221
	<b>ResultingAmount &lt;RsltAmt&gt;</b>	[1..1]	Amount		222
	<b>ExchangeRate &lt;XchgRate&gt;</b>	[1..1]	Rate		222
	<b>InvertedExchangeRate &lt;NvtrdXchgRate&gt;</b>	[0..1]	Rate		222
	<b>QuotationDate &lt;QtnDt&gt;</b>	[0..1]	DateTime		222
	<b>ValidUntil &lt;VldUntil&gt;</b>	[0..1]	DateTime		222
	<b>SourceCurrency &lt;SrcCcy&gt;</b>	[1..1]			222
	<b>AlphaCode &lt;AlphaCd&gt;</b>	[0..1]	CodeSet	C1	222
	<b>NumericCode &lt;NmrcCd&gt;</b>	[0..1]	Text		223
	<b>Decimal &lt;Dcml&gt;</b>	[0..1]	Quantity		223
	<b>Name &lt;Nm&gt;</b>	[0..1]	Text		223
	<b>OriginalAmount &lt;OrgnlAmt&gt;</b>	[1..1]			223
	<b>ActualAmount &lt;ActlAmt&gt;</b>	[0..1]	Amount		223
	<b>MinimumAmount &lt;MinAmt&gt;</b>	[0..1]	Amount		223
	<b>MaximumAmount &lt;MaxAmt&gt;</b>	[0..1]	Amount		224
	<b>CommissionDetails &lt;ComssnDtls&gt;</b>	[0..*]			224
	<b>Amount &lt;Amt&gt;</b>	[1..1]	Amount		224
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		224
	<b>MarkUpDetails &lt;MrkUpDtls&gt;</b>	[0..*]			224
	<b>Rate &lt;Rate&gt;</b>	[1..1]	Rate		224
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		225
	<b>DeclarationDetails &lt;DclrtnDtls&gt;</b>	[0..*]	±		225

### 3.4.2.3.9.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.



*Datatype:* "Max35Text" on page 2426

### 3.4.2.3.9.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	221
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		221
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		221
	<b>Name</b> <Nm>	[0..1]	Text		221

#### 3.4.2.3.9.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 3.4.2.3.9.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 3.4.2.3.9.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 3.4.2.3.9.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.3.9.3 ResultingAmount <RsltAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 3.4.2.3.9.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 3.4.2.3.9.5 InvertedExchangeRate <NvrtXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 3.4.2.3.9.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 3.4.2.3.9.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 3.4.2.3.9.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	222
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		223
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		223
	<b>Name</b> <Nm>	[0..1]	Text		223

#### 3.4.2.3.9.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 3.4.2.3.9.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 3.4.2.3.9.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 3.4.2.3.9.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 3.4.2.3.9.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount &lt;ActlAmt&gt;</b>	[0..1]	Amount		223
	<b>MinimumAmount &lt;MinAmt&gt;</b>	[0..1]	Amount		223
	<b>MaximumAmount &lt;MaxAmt&gt;</b>	[0..1]	Amount		224

#### 3.4.2.3.9.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 3.4.2.3.9.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 3.4.2.3.9.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 3.4.2.3.9.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[1..1]	Amount		224
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		224

#### 3.4.2.3.9.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 3.4.2.3.9.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

### 3.4.2.3.9.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		224
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		225

#### 3.4.2.3.9.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

### 3.4.2.3.9.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

### 3.4.2.3.9.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

### 3.4.2.4 SupplementaryData <SplmtryData>

*Presence:* [0..\*]

*Definition:* Additional information incorporated as an extension to the message.

*Impacted by:* C3 "SupplementaryDataRule"

**SupplementaryData <SplmtryData>** contains the following elements (see "SupplementaryData1" on page 2253 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2254
	Envelope <Envlp>	[1..1]	(External Schema)		2254

## Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

### 3.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		226
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		226

#### 3.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 3.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "AuthenticatedData6" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

## **4       caaa.003.001.09 AcceptorCompletionAdviceV09**

### **4.1      MessageDefinition Functionality**

The AcceptorCompletionAdvice message is sent by an acceptor (or its agent) to notify the acquirer (or its agent) of the outcome of the payment at the acceptor, and to transfer the financial data of the transaction to the acquirer (capture).

A AcceptorCompletionAdvice message is also sent to reverse an approved authorisation and any associated financial transfer (capture), if the card payment transaction could not be completed successfully.

#### **Outline**

The AcceptorCompletionAdviceV09 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Completion advice message management information.
- B. CompletionAdvice  
Information related to the completion advice.
- C. SecurityTrailer  
Trailer of the message containing a MAC.



## 4.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCmpltnAdvc>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			238
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		239
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		240
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		240
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		240
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		241
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		241
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		241
	<b>Traceability</b> <Tracblt>	[0..*]	±		242
	<b>CompletionAdvice</b> <CmpltnAdvc>	[1..1]			242
	<b>Environment</b> <Envt>	[1..1]			251
	<b>Acquirer</b> <Acqrr>	[0..1]	±		256
	<b>Merchant</b> <Mrchnt>	[0..1]			256
	<b>Identification</b> <Id>	[0..1]	±		256
	<b>CommonName</b> <CmonNm>	[0..1]	Text		257
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		257
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		257
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		258
	<b>POI</b> <POI>	[0..1]			258
	<b>Identification</b> <Id>	[1..1]	±		258
	<b>SystemName</b> <SysNm>	[0..1]	Text		259
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		259
	<b>Capabilities</b> <Cpblties>	[0..1]	±		259
	<b>TimeZone</b> <TmZone>	[0..1]	Text		260
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		260
	<b>Component</b> <Cmpnt>	[0..*]	±		261
	<b>Card</b> <Card>	[0..1]			263
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		264
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		264

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		264
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		265
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		265
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		265
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		265
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		265
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		266
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		266
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		266
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		266
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		266
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		266
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		267
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		267
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		267
	<b>Wallet</b> <Wlt>	[0..1]	±		267
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		267
	<b>Cardholder</b> <Crhdldr>	[0..1]			268
	<b>Identification</b> <Id>	[0..1]			272
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		272
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		272
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		273
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		273
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		273
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		273
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		273
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		273
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		273
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		273
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		274
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		274

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		274
	<b>Department</b> <Dept>	[0..1]	Text		274
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		274
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			274
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		274
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		275
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		275
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	275
	<b>Other</b> <Othr>	[0..*]	±		275
	<b>Name</b> <Nm>	[0..1]	Text		275
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	275
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		276
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		276
	<b>TripNumber</b> <TripNb>	[0..1]	Text		277
	<b>Vehicle</b> <Vhcl>	[0..1]	±		277
	<b>Authentication</b> <Authntcn>	[0..*]			278
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		280
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		281
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		282
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		282
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			282
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		282
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		283
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		283
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			283
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		284
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		284
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		284
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		285
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		285
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		285

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		285
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		285
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		285
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		285
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		285
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		286
	<b>JobNumber</b> <JobNb>	[0..1]	Text		286
	<b>Department</b> <Dept>	[0..1]	Text		286
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		286
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			286
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		286
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		286
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		287
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	287
	<b>Other</b> <Othr>	[0..*]	±		287
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			287
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		287
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		288
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		288
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		288
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		288
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			288
	<b>Identification</b> <Id>	[1..1]	Text		289
	<b>Value</b> <Val>	[0..1]	Binary		289
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		289
	<b>Type</b> <Tp>	[0..1]	Text		289
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			289
	<b>Method</b> <Mtd>	[1..1]	CodeSet		290
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		291
	<b>Result</b> <Rslt>	[0..1]	CodeSet		291
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		291

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		292
	<b>MobileData</b> <MobData>	[0..*]			292
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		292
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		292
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		293
	<b>Geolocation</b> <Glctr>	[0..1]			293
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			293
	<b>Latitude</b> <Lat>	[1..1]	Text		293
	<b>Longitude</b> <Long>	[1..1]	Text		293
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			294
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		294
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		294
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		294
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			294
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		295
	<b>IMSI</b> <IMSI>	[0..1]	Text		295
	<b>IMEI</b> <IMEI>	[0..1]	Text		295
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		295
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		295
	<b>Context</b> <Cntxt>	[0..1]	±		296
	<b>Transaction</b> <Tx>	[1..1]			299
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		304
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		304
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		305
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		305
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		306
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		306
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		306
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		306
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		306
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		306

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		307
	<b>OriginalTransaction</b> <OrgnITx>	[0..1]	±		307
	<b>TransactionSuccess</b> <TxSucss>	[1..1]	Indicator		308
	<b>Reversal</b> <Rvs/>	[0..1]	Indicator		308
	<b>MerchantOverride</b> <MrchntOvrrd>	[0..1]	Indicator		308
	<b>FailureReason</b> <FailrRsn>	[0..*]	CodeSet		308
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		309
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		309
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		309
	<b>InterchangeData</b> <IntrchnngData>	[0..1]	Text		309
	<b>TransactionDetails</b> <TxDtls>	[1..1]			309
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	311
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		312
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		312
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		312
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		312
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		313
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		313
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		313
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		313
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		313
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		314
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		314
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			315
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		317
	<b>Conversion</b> <Convs>	[0..1]			317
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		318
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			319
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	319
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		319
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		319

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		319
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		319
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		320
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		320
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		320
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		320
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			320
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	320
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		321
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		321
	<b>Name</b> <Nm>	[0..1]	Text		321
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			321
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		321
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		321
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		322
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			322
	<b>Amount</b> <Amt>	[1..1]	Amount		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			322
	<b>Rate</b> <Rate>	[1..1]	Rate		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		323
	<b>Instalment</b> <Instlmt>	[0..1]	±		323
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		324
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		324
	<b>SaleItem</b> <Saleitm>	[0..*]	±		325
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		325
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			325
	<b>Identification</b> <Id>	[1..1]	Text		326
	<b>Value</b> <Val>	[0..1]	Binary		326
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		326

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		326
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		326
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			327
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		327
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			327
	<b>Response</b> <Rspn>	[1..1]	CodeSet		328
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		328
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		328
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		328
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			328
	<b>Method</b> <Mtd>	[1..1]	CodeSet		328
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		329
	<b>Result</b> <Rslt>	[0..1]	CodeSet		330
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		330
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		330
	<b>AccountFrom</b> <AcctFr>	[0..1]			330
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		331
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		332
	<b>AccountName</b> <AcctNm>	[0..1]	Text		332
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			333
	<b>Name</b> <Nm>	[1..1]	Text		333
	<b>Address</b> <Adr>	[1..1]	±		333
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	333
	<b>AccountIdentifier</b> <Acctldr>	[0..1]			334
{Or	<b>Card</b> <Card>	[1..1]	Text		334
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		334
Or	<b>EMail</b> <EMail>	[1..1]	Text		334
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	334
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		335
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		335
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		335



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	<b>Other</b> <Othr>	[1..1]	Text		335
	<b>Servicer</b> <Svcr>	[0..1]			335
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	336
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		336
	<b>AccountTo</b> <AcctTo>	[0..1]			336
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		337
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		338
	<b>AccountName</b> <AcctNm>	[0..1]	Text		338
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			339
	<b>Name</b> <Nm>	[1..1]	Text		339
	<b>Address</b> <Adr>	[1..1]	±		339
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	339
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			340
{Or	<b>Card</b> <Card>	[1..1]	Text		340
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		340
Or	<b>EMail</b> <EMail>	[1..1]	Text		340
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	340
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		341
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		341
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		341
Or}	<b>Other</b> <Othr>	[1..1]	Text		341
	<b>Servicer</b> <Svcr>	[0..1]			341
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	342
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		342
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		342
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C6	342
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			343
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		343
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		343

## 4.3 Constraints

### C1 **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### C2 **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

### C3 **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C4 **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

### C5 **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

### C6 **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

### C7 **ValidationByTable**

Must be a valid terrestrial language.

### C8 **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

## 4.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 4.4.1 **Header <Hdr>**

*Presence:* [1..1]

*Definition:* Completion advice message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		239
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		240
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		240
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		240
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		241
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		241
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		241
	<b>Traceability</b> <Tracblt>	[0..*]	±		242

#### 4.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.

CodeName	Name	Definition
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 4.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 4.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 4.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 4.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 4.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 4.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 4.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 4.4.2 CompletionAdvice <CmpltnAdv>

*Presence:* [1..1]

*Definition:* Information related to the completion advice.

**CompletionAdvice <CmpltnAdv>** contains the following **AcceptorCompletionAdvice9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Env>	[1..1]			251
	<b>Acquirer</b> <Acqrr>	[0..1]	±		256
	<b>Merchant</b> <Mrchnt>	[0..1]			256
	<b>Identification</b> <Id>	[0..1]	±		256
	<b>CommonName</b> <CmonNm>	[0..1]	Text		257
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		257
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		257
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		258
	<b>POI</b> <POI>	[0..1]			258
	<b>Identification</b> <Id>	[1..1]	±		258
	<b>SystemName</b> <SysNm>	[0..1]	Text		259
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		259
	<b>Capabilities</b> <Cpblties>	[0..1]	±		259
	<b>TimeZone</b> <TmZone>	[0..1]	Text		260
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		260
	<b>Component</b> <Cmpnt>	[0..*]	±		261
	<b>Card</b> <Card>	[0..1]			263
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		264
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		264
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		264
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		265
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		265
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		265
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		265
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		265
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		266
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		266
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		266
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		266
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		266
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		266

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		267
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		267
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		267
	<b>Wallet</b> <Wlt>	[0..1]	±		267
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		267
	<b>Cardholder</b> <Crhdldr>	[0..1]			268
	<b>Identification</b> <Id>	[0..1]			272
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		272
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		272
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		273
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		273
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		273
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		273
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		273
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		273
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		273
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		273
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		274
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		274
	<b>JobNumber</b> <JobNb>	[0..1]	Text		274
	<b>Department</b> <Dept>	[0..1]	Text		274
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		274
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			274
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		274
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		275
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		275
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	275
	<b>Other</b> <Othr>	[0..*]	±		275
	<b>Name</b> <Nm>	[0..1]	Text		275
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	275
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		276



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		276
	<b>TripNumber</b> <TripNb>	[0..1]	Text		277
	<b>Vehicle</b> <Vhcl>	[0..1]	±		277
	<b>Authentication</b> <Authntcn>	[0..*]			278
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		280
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		281
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		282
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		282
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			282
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		282
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		283
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		283
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			283
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		284
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		284
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		284
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		285
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		285
	<b>SocialSecurityNumber</b> <ScIScyNb>	[0..1]	Text		285
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		285
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		285
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		285
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		285
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		285
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		286
	<b>JobNumber</b> <JobNb>	[0..1]	Text		286
	<b>Department</b> <Dept>	[0..1]	Text		286
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		286
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			286
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		286
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		286

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		287
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	287
	<b>Other</b> <Othr>	[0..*]	±		287
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			287
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		287
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		288
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		288
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		288
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		288
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			288
	<b>Identification</b> <Id>	[1..1]	Text		289
	<b>Value</b> <Val>	[0..1]	Binary		289
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		289
	<b>Type</b> <Tp>	[0..1]	Text		289
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			289
	<b>Method</b> <Mtd>	[1..1]	CodeSet		290
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		291
	<b>Result</b> <Rslt>	[0..1]	CodeSet		291
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		291
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		292
	<b>MobileData</b> <MobData>	[0..*]			292
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		292
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		292
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		293
	<b>Geolocation</b> <Glctn>	[0..1]			293
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			293
	<b>Latitude</b> <Lat>	[1..1]	Text		293
	<b>Longitude</b> <Long>	[1..1]	Text		293
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			294
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		294
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		294

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMNorthward</b> <UTMNrthwrd>	[1..1]	Text		294
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			294
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		295
	<b>IMSI</b> <IMSI>	[0..1]	Text		295
	<b>IMEI</b> <IMEI>	[0..1]	Text		295
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		295
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		295
	<b>Context</b> <Cntxt>	[0..1]	±		296
	<b>Transaction</b> <Tx>	[1..1]			299
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		304
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		304
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		305
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		305
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		306
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		306
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		306
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		306
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		306
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		306
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		307
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		307
	<b>TransactionSuccess</b> <TxSucss>	[1..1]	Indicator		308
	<b>Reversal</b> <Rvsl>	[0..1]	Indicator		308
	<b>MerchantOverride</b> <MrchntOvrrd>	[0..1]	Indicator		308
	<b>FailureReason</b> <FailrRsn>	[0..*]	CodeSet		308
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		309
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		309
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		309
	<b>InterchangeData</b> <IntrchnngData>	[0..1]	Text		309
	<b>TransactionDetails</b> <TxDtls>	[1..1]			309
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	311

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		312
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		312
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		312
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		312
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		313
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		313
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		313
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		313
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		313
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		314
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		314
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			315
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		317
	<b>Conversion</b> <Convs>	[0..1]			317
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		318
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			319
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	319
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		319
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		319
	<b>Name</b> <Nm>	[0..1]	Text		319
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		319
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		320
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		320
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		320
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		320
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			320
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	320
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		321
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		321
	<b>Name</b> <Nm>	[0..1]	Text		321
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			321

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		321
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		321
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		322
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			322
	<b>Amount</b> <Amt>	[1..1]	Amount		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			322
	<b>Rate</b> <Rate>	[1..1]	Rate		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		323
	<b>Instalment</b> <Instlmt>	[0..1]	±		323
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		324
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		324
	<b>SaleItem</b> <Saleitm>	[0..*]	±		325
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		325
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			325
	<b>Identification</b> <Id>	[1..1]	Text		326
	<b>Value</b> <Val>	[0..1]	Binary		326
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		326
	<b>Type</b> <Tp>	[0..1]	Text		326
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		326
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			327
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		327
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			327
	<b>Response</b> <Rspn>	[1..1]	CodeSet		328
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		328
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		328
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		328
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			328
	<b>Method</b> <Mtd>	[1..1]	CodeSet		328
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[0..1]	CodeSet		330
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		330
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		330
	<b>AccountFrom</b> <AcctFr>	[0..1]			330
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		331
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		332
	<b>AccountName</b> <AcctNm>	[0..1]	Text		332
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			333
	<b>Name</b> <Nm>	[1..1]	Text		333
	<b>Address</b> <Adr>	[1..1]	±		333
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	333
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			334
{Or	<b>Card</b> <Card>	[1..1]	Text		334
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		334
Or	<b>EMail</b> <EMail>	[1..1]	Text		334
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	334
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		335
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		335
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		335
Or}	<b>Other</b> <Othr>	[1..1]	Text		335
	<b>Servicer</b> <Svcr>	[0..1]			335
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	336
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		336
	<b>AccountTo</b> <AcctTo>	[0..1]			336
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		337
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		338
	<b>AccountName</b> <AcctNm>	[0..1]	Text		338
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			339
	<b>Name</b> <Nm>	[1..1]	Text		339
	<b>Address</b> <Adr>	[1..1]	±		339
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			340
{Or	<b>Card</b> <Card>	[1..1]	Text		340
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		340
Or	<b>EMail</b> <EMail>	[1..1]	Text		340
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	340
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		341
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		341
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		341
Or}	<b>Other</b> <Othr>	[1..1]	Text		341
	<b>Servicer</b> <Svcr>	[0..1]			341
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	342
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		342
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		342
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C6	342

#### 4.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		256
	<b>Merchant</b> <Mrchnt>	[0..1]			256
	<b>Identification</b> <Id>	[0..1]	±		256
	<b>CommonName</b> <CmonNm>	[0..1]	Text		257
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		257
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		257
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		258
	<b>POI</b> <POI>	[0..1]			258
	<b>Identification</b> <Id>	[1..1]	±		258
	<b>SystemName</b> <SysNm>	[0..1]	Text		259
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		259
	<b>Capabilities</b> <Cpblties>	[0..1]	±		259
	<b>TimeZone</b> <TmZone>	[0..1]	Text		260
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		260
	<b>Component</b> <Cmpnt>	[0..*]	±		261
	<b>Card</b> <Card>	[0..1]			263
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		264
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		264
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		264
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		265
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		265
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		265
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		265
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		265
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		266
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		266
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		266
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		266
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		266
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		266
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		267



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		267
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		267
	<b>Wallet</b> <Wlt>	[0..1]	±		267
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		267
	<b>Cardholder</b> <Crhdldr>	[0..1]			268
	<b>Identification</b> <Id>	[0..1]			272
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		272
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		272
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		273
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		273
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		273
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		273
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		273
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		273
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		273
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		273
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		274
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		274
	<b>JobNumber</b> <JobNb>	[0..1]	Text		274
	<b>Department</b> <Dept>	[0..1]	Text		274
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		274
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			274
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		274
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		275
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		275
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	275
	<b>Other</b> <Othr>	[0..*]	±		275
	<b>Name</b> <Nm>	[0..1]	Text		275
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	275
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		276
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		276

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		277
	<b>Vehicle</b> <Vhcl>	[0..1]	±		277
	<b>Authentication</b> <Authntcn>	[0..*]			278
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		280
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		281
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		282
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		282
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			282
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		282
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		283
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		283
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			283
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		284
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		284
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		284
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		285
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		285
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		285
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		285
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		285
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		285
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		285
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		285
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		286
	<b>JobNumber</b> <JobNb>	[0..1]	Text		286
	<b>Department</b> <Dept>	[0..1]	Text		286
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		286
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			286
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		286
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		286
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		287

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	287
	<b>Other</b> <Othr>	[0..*]	±		287
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			287
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		287
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		288
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		288
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		288
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		288
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			288
	<b>Identification</b> <Id>	[1..1]	Text		289
	<b>Value</b> <Val>	[0..1]	Binary		289
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		289
	<b>Type</b> <Tp>	[0..1]	Text		289
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			289
	<b>Method</b> <Mtd>	[1..1]	CodeSet		290
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		291
	<b>Result</b> <Rslt>	[0..1]	CodeSet		291
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		291
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		292
	<b>MobileData</b> <MobData>	[0..*]			292
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		292
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		292
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		293
	<b>Geolocation</b> <Glctn>	[0..1]			293
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			293
	<b>Latitude</b> <Lat>	[1..1]	Text		293
	<b>Longitude</b> <Long>	[1..1]	Text		293
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			294
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		294
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		294
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		294

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			294
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		295
	<b>IMSI</b> <IMSI>	[0..1]	Text		295
	<b>IMEI</b> <IMEI>	[0..1]	Text		295
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		295
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		295

#### 4.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 4.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		256
	<b>CommonName</b> <CmonNm>	[0..1]	Text		257
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		257
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		257
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		258

##### 4.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 4.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 4.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 4.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 4.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 4.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		258
	<b>SystemName</b> <SysNm>	[0..1]	Text		259
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		259
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		259
	<b>TimeZone</b> <TmZone>	[0..1]	Text		260
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		260
	<b>Component</b> <Cmpnt>	[0..*]	±		261

##### 4.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 4.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 4.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 4.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrpLngth>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 4.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 4.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.



CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 4.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 4.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		264
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		264
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		264
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		265
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		265
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		265
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		265
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		265
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		266
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		266
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		266
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		266
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		266
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		266
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		267
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		267

#### 4.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 4.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 4.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 4.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 4.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 4.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 4.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 4.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 4.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 4.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 4.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 4.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 4.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 4.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 4.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 4.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.



**Cardholder <CrdHdr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			272
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		272
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		272
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		273
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		273
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		273
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		273
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		273
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		273
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		273
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		273
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		274
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		274
	<b>JobNumber</b> <JobNb>	[0..1]	Text		274
	<b>Department</b> <Dept>	[0..1]	Text		274
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		274
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			274
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		274
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		275
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		275
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	275
	<b>Other</b> <Othr>	[0..*]	±		275
	<b>Name</b> <Nm>	[0..1]	Text		275
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	275
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		276
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		276
	<b>TripNumber</b> <TripNb>	[0..1]	Text		277
	<b>Vehicle</b> <Vhcl>	[0..1]	±		277
	<b>Authentication</b> <Authntcn>	[0..*]			278
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		280
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		281

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		282
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		282
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			282
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		282
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		283
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		283
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			283
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		284
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		284
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		284
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		285
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		285
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		285
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		285
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		285
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		285
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		285
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		285
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		286
	<b>JobNumber</b> <JobNb>	[0..1]	Text		286
	<b>Department</b> <Dept>	[0..1]	Text		286
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		286
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			286
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		286
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		286
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		287
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	287
	<b>Other</b> <Othr>	[0..*]	±		287
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			287
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		287
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		288

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		288
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		288
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		288
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			288
	<b>Identification</b> <Id>	[1..1]	Text		289
	<b>Value</b> <Val>	[0..1]	Binary		289
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		289
	<b>Type</b> <Tp>	[0..1]	Text		289
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			289
	<b>Method</b> <Mtd>	[1..1]	CodeSet		290
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		291
	<b>Result</b> <Rslt>	[0..1]	CodeSet		291
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		291
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		292
	<b>MobileData</b> <MobData>	[0..*]			292
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		292
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		292
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		293
	<b>Geolocation</b> <Glctn>	[0..1]			293
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			293
	<b>Latitude</b> <Lat>	[1..1]	Text		293
	<b>Longitude</b> <Long>	[1..1]	Text		293
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			294
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		294
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		294
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		294
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			294
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		295
	<b>IMSI</b> <IMSI>	[0..1]	Text		295
	<b>IMEI</b> <IMEI>	[0..1]	Text		295
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		295

#### 4.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		272
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		272
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		273
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		273
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		273
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		273
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		273
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		273
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		273
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		273
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		274
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		274
	<b>JobNumber</b> <JobNb>	[0..1]	Text		274
	<b>Department</b> <Dept>	[0..1]	Text		274
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		274
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			274
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		274
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		275
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		275
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	275
	<b>Other</b> <Othr>	[0..*]	±		275

##### 4.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 4.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 4.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		274
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		275
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		275
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	275

##### 4.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 4.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 4.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 4.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 4.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C7 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 4.4.2.1.8.4 BillingAddress <BlgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BlgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 4.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.



**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 4.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 4.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		280
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		281
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		282
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		282
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			282
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		282
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		283
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		283
	<b>CardholderIdentification</b> <Crhdldrid>	[0..1]			283
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		284
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		284
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		284
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		285
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		285
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		285
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		285
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		285
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		285
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		285
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		285
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		286
	<b>JobNumber</b> <JobNb>	[0..1]	Text		286
	<b>Department</b> <Dept>	[0..1]	Text		286
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		286
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			286
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		286
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		286
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		287
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	287
	<b>Other</b> <Othr>	[0..*]	±		287
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			287

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		287
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		288
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		288
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		288
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		288
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			288
	<b>Identification</b> <Id>	[1..1]	Text		289
	<b>Value</b> <Val>	[0..1]	Binary		289
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		289
	<b>Type</b> <Tp>	[0..1]	Text		289

#### 4.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 4.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 4.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 4.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 4.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		282
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		283
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		283

##### 4.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 4.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 4.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		284
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		284
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		284
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		285
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		285
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		285
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		285
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		285
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		285
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		285
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		285
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		286
	<b>JobNumber</b> <JobNb>	[0..1]	Text		286
	<b>Department</b> <Dept>	[0..1]	Text		286
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		286
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			286
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		286
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		286
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		287
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	287
	<b>Other</b> <Othr>	[0..*]	±		287

#### 4.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]



*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 4.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		286
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		286
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		287
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	287

##### 4.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 4.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 4.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 4.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		287
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		288

#### 4.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 4.4.2.1.8.8.7.2 PostalCodeDigits <PstICdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 4.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 4.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		289
	<b>Value</b> <Val>	[0..1]	Binary		289
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		289
	<b>Type</b> <Tp>	[0..1]	Text		289

#### 4.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 4.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 4.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 4.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 4.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		290
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		291
	<b>Result</b> <RsIt>	[0..1]	CodeSet		291
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		291

#### 4.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 4.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 4.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 4.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 4.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 4.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		292
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		292
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		293
	<b>Geolocation</b> <Glctn>	[0..1]			293
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			293
	<b>Latitude</b> <Lat>	[1..1]	Text		293
	<b>Longitude</b> <Long>	[1..1]	Text		293
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			294
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		294
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		294
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		294
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			294
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		295
	<b>IMSI</b> <IMSI>	[0..1]	Text		295
	<b>IMEI</b> <IMEI>	[0..1]	Text		295
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		295

##### 4.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 4.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428



#### 4.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			293
	<b>Latitude</b> <Lat>	[1..1]	Text		293
	<b>Longitude</b> <Long>	[1..1]	Text		293
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			294
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		294
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		294
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		294

#### 4.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		293
	<b>Longitude</b> <Long>	[1..1]	Text		293

#### 4.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		294
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		294
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		294

##### 4.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 4.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwrdr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 4.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwrdr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 4.4.2.1.8.11.5 SensitiveMobileData <SnstvmobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		295
	<b>IMSI</b> <IMSI>	[0..1]	Text		295
	<b>IMEI</b> <IMEI>	[0..1]	Text		295

#### 4.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 4.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 4.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 4.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 4.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrdhldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 4.4.2.2 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context in which the transaction is performed (payment and sale).

**Context <Cntxt>** contains the following elements (see "CardPaymentContext28" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			2283
	CardPresent <CardPres>	[0..1]	Indicator		2283
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		2283
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2283
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2284
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2284
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2284
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2285
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		2286
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		2286
	SaleContext <SaleCntxt>	[0..1]			2286
	SaleIdentification <SaleId>	[0..1]	Text		2287
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2287
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2288
	CashierIdentification <CshrId>	[0..1]	Text		2288
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	2288
	ShiftNumber <ShftNb>	[0..1]	Text		2288
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		2288
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		2288
	InvoiceNumber <InvcNb>	[0..1]	Text		2288
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2289
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2289
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		2289
	SplitPayment <Spltpmt>	[0..1]	Indicator		2290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		2290
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2290
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2290
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2290
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2291
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2291
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2291
	DebtorIdentification <DbtrId>	[0..1]			2292
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296
	CreditorIdentification <CdtrId>	[1..1]			2296
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2298
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		2299

#### 4.4.2.3 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Card payment transaction between an acceptor and an acquirer.

**Transaction <Tx>** contains the following **CardPaymentTransaction99** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		304
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		304
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		305
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		305
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		306
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		306
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		306
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		306
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		306
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		306
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		307
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		307
	<b>TransactionSuccess</b> <TxSucss>	[1..1]	Indicator		308
	<b>Reversal</b> <Rvsl>	[0..1]	Indicator		308
	<b>MerchantOverride</b> <MrchntOvrrd>	[0..1]	Indicator		308
	<b>FailureReason</b> <FailrRsn>	[0..*]	CodeSet		308
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		309
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		309
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		309
	<b>InterchangeData</b> <IntrchnngData>	[0..1]	Text		309
	<b>TransactionDetails</b> <TxDtls>	[1..1]			309
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	311
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		312
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		312
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		312
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		312
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		313
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		313
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		313
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		313
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		313



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UnattendedLevelCategory</b> <UattnddLvlCtgy>	[0..1]	Text		314
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		314
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			315
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		317
	<b>Conversion</b> <Convs>	[0..1]			317
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		318
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			319
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	319
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		319
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		319
	<b>Name</b> <Nm>	[0..1]	Text		319
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		319
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		320
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		320
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		320
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		320
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			320
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	320
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		321
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		321
	<b>Name</b> <Nm>	[0..1]	Text		321
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			321
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		321
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		321
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		322
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			322
	<b>Amount</b> <Amt>	[1..1]	Amount		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			322
	<b>Rate</b> <Rate>	[1..1]	Rate		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		323
	<b>Instalment</b> <Instlmt>	[0..1]	±		323
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		324
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		324
	<b>SaleItem</b> <Saleitm>	[0..*]	±		325
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		325
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			325
	<b>Identification</b> <Id>	[1..1]	Text		326
	<b>Value</b> <Val>	[0..1]	Binary		326
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		326
	<b>Type</b> <Tp>	[0..1]	Text		326
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		326
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			327
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		327
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			327
	<b>Response</b> <Rspn>	[1..1]	CodeSet		328
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		328
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		328
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		328
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			328
	<b>Method</b> <Mtd>	[1..1]	CodeSet		328
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		329
	<b>Result</b> <Rslt>	[0..1]	CodeSet		330
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		330
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		330
	<b>AccountFrom</b> <AcctFr>	[0..1]			330
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		331
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		332
	<b>AccountName</b> <AcctNm>	[0..1]	Text		332
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			333
	<b>Name</b> <Nm>	[1..1]	Text		333

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Address</b> <Adr>	[1..1]	±		333
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	333
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			334
{Or	<b>Card</b> <Card>	[1..1]	Text		334
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		334
Or	<b>EMail</b> <EMail>	[1..1]	Text		334
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	334
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		335
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		335
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		335
Or}	<b>Other</b> <Othr>	[1..1]	Text		335
	<b>Servicer</b> <Svcr>	[0..1]			335
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	336
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		336
	<b>AccountTo</b> <AcctTo>	[0..1]			336
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		337
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		338
	<b>AccountName</b> <AcctNm>	[0..1]	Text		338
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			339
	<b>Name</b> <Nm>	[1..1]	Text		339
	<b>Address</b> <Adr>	[1..1]	±		339
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	339
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			340
{Or	<b>Card</b> <Card>	[1..1]	Text		340
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		340
Or	<b>EMail</b> <EMail>	[1..1]	Text		340
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	340
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		341
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		341
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		341
Or}	<b>Other</b> <Othr>	[1..1]	Text		341

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Servicer</b> <Svcr>	[0..1]			341
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	342
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		342
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		342

#### 4.4.2.3.1 TransactionCapture <TxCaptr>

*Presence:* [0..1]

*Definition:* Flag indicating whether the transaction data must be captured or not in addition to the message process.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 4.4.2.3.2 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Type of transaction being undertaken for the main service.

*Datatype:* "CardPaymentServiceType12Code" on page 2394

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.

CodeName	Name	Definition
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

#### 4.4.2.3.3 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2396

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

#### 4.4.2.3.4 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType3Code" on page 2395

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.

CodeName	Name	Definition
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.

#### 4.4.2.3.5 LastTransactionFlag <LastTxFlg>

*Presence:* [0..1]

*Definition:* Flag indicating processing of the last transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 4.4.2.3.6 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [0..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* ["Min3Max4Text" on page 2429](#)

#### 4.4.2.3.7 CustomerConsent <CstmrCnsnt>

*Presence:* [0..\*]

*Definition:* This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 4.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

*Presence:* [0..\*]

*Definition:* The card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

*Datatype:* ["Max35Text" on page 2426](#)

#### 4.4.2.3.9 CardProgrammeApplied <CardPrgrmmApld>

*Presence:* [0..1]

*Definition:* The card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

*Datatype:* ["Max35Text" on page 2426](#)

#### 4.4.2.3.10 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.3.11 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 4.4.2.3.12 OriginalTransaction <OrgnITx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnITx>** contains the following elements (see "CardPaymentTransaction101" on page 1883 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1884
	TransactionIdentification <TxId>	[1..1]	±		1884
	POIIdentification <POIID>	[0..1]	±		1884
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1885
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1885
	TransactionType <TxTp>	[1..1]	CodeSet		1885
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1886
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1886
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1887
	TransactionResult <TxRslt>	[0..1]			1887
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1888
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1888
	Response <Rspn>	[1..1]	CodeSet		1888
	ResponseReason <RspnRsn>	[0..1]	Text		1889
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1889
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1889

#### 4.4.2.3.13 TransactionSuccess <TxSucss>

*Presence:* [1..1]

*Definition:* Outcome of the transaction at the acceptor.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 4.4.2.3.14 Reversal <Rvsl>

*Presence:* [0..1]

*Definition:* Notify that a previous transaction has to be reversed if this original transaction has been approved by the acquirer.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 4.4.2.3.15 MerchantOverride <MrchntOvrrd>

*Presence:* [0..1]

*Definition:* Indicate that the acceptor has forced the transaction in spite of the authorisation result (online or offline), or incident to complete the transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 4.4.2.3.16 FailureReason <FailrRsn>

*Presence:* [0..\*]

*Definition:* List of incidents during the transaction.

*Datatype:* ["FailureReason3Code" on page 2401](#)

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.



CodeName	Name	Definition
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

#### 4.4.2.3.17 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.3.18 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 4.4.2.3.19 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.3.20 InterchangeData <IntrchnData>

*Presence:* [0..1]

*Definition:* Interchange information related to the card scheme.

*Datatype:* "Max140Text" on page 2424

#### 4.4.2.3.21 TransactionDetails <TxDtls>

*Presence:* [1..1]

*Definition:* Details of the transaction.

**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	311
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		312
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		312
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		312
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		312
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		313
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		313
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		313
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		313
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		313
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		314
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		314
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			315
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		317
	<b>Conversion</b> <Convs>	[0..1]			317
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		318
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			319
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	319
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		319
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		319
	<b>Name</b> <Nm>	[0..1]	Text		319
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		319
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		320
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		320
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		320
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		320
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			320
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	320
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		321
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		321
	<b>Name</b> <Nm>	[0..1]	Text		321

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			321
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		321
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		321
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		322
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			322
	<b>Amount</b> <Amt>	[1..1]	Amount		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			322
	<b>Rate</b> <Rate>	[1..1]	Rate		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		323
	<b>Instalment</b> <Instlmt>	[0..1]	±		323
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		324
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		324
	<b>SaleItem</b> <Saleitm>	[0..*]	±		325
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		325
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			325
	<b>Identification</b> <Id>	[1..1]	Text		326
	<b>Value</b> <Val>	[0..1]	Binary		326
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		326
	<b>Type</b> <Tp>	[0..1]	Text		326
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		326

#### 4.4.2.3.21.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 4.4.2.3.21.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 4.4.2.3.21.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

*Definition:* Contains the updated amount of all authorisations related to the same business transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 4.4.2.3.21.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2416

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

#### 4.4.2.3.21.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

*Definition:* Detailed amounts associated with the total amount of transaction.

**DetailedAmount <DtIdAmt>** contains the following elements (see "DetailedAmount15" on page 1841 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1841
	CashBack <CshBck>	[0..1]	Amount		1841
	Gratuity <Grtty>	[0..1]	Amount		1842
	Fees <Fees>	[0..*]	±		1842
	Rebate <Rbt>	[0..*]	±		1842
	ValueAddedTax <ValAddedTax>	[0..*]	±		1842
	Surcharge <Srchr>	[0..*]	±		1842

#### 4.4.2.3.21.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 4.4.2.3.21.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 4.4.2.3.21.8 InvoiceAmount <InvcAmt>

*Presence:* [0..1]

*Definition:* Amount of the transaction that will be invoiced to the cardholder.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 4.4.2.3.21.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 4.4.2.3.21.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason1Code" on page 2407

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.

CodeName	Name	Definition
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.

#### 4.4.2.3.21.11 UnattendedLevelCategory <UattnddLvlCtgy>

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended POI (Point Of Interaction).

*Datatype:* "Max35NumericText" on page 2426

#### 4.4.2.3.21.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.

CodeName	Name	Definition
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 4.4.2.3.21.13 CurrencyConversionResult <CcyConvsRslt>

*Presence:* [0..1]

*Definition:* Result of the currency conversion proposed to the cardholder.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		317
	<b>Conversion</b> <Convs>	[0..1]			317
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		318
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			319
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	319
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		319
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		319
	<b>Name</b> <Nm>	[0..1]	Text		319
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		319
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		320
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		320
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		320
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		320
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			320
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	320
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		321
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		321
	<b>Name</b> <Nm>	[0..1]	Text		321
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			321
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		321
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		321
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		322
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			322
	<b>Amount</b> <Amt>	[1..1]	Amount		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			322
	<b>Rate</b> <Rate>	[1..1]	Rate		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		323



#### **4.4.2.3.21.13.1 AcceptedByCardholder <AcptdByCrdhldr>**

*Presence:* [0..1]

*Definition:* True if the cardholder has accepted the currency conversion that the acquirer has proposed.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **4.4.2.3.21.13.2 Conversion <Convs>**

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

**Conversion <Convs>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		318
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			319
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	319
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		319
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		319
	<b>Name</b> <Nm>	[0..1]	Text		319
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		319
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		320
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		320
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		320
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		320
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			320
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	320
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		321
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		321
	<b>Name</b> <Nm>	[0..1]	Text		321
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			321
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		321
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		321
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		322
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			322
	<b>Amount</b> <Amt>	[1..1]	Amount		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			322
	<b>Rate</b> <Rate>	[1..1]	Rate		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		323

#### 4.4.2.3.21.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.3.21.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	319
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		319
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		319
	<b>Name</b> <Nm>	[0..1]	Text		319

##### 4.4.2.3.21.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

##### 4.4.2.3.21.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

##### 4.4.2.3.21.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

##### 4.4.2.3.21.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

##### 4.4.2.3.21.13.2.3 ResultingAmount <RsltgAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 4.4.2.3.21.13.2.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 4.4.2.3.21.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 4.4.2.3.21.13.2.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 4.4.2.3.21.13.2.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 4.4.2.3.21.13.2.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	320
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		321
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		321
	<b>Name</b> <Nm>	[0..1]	Text		321

##### 4.4.2.3.21.13.2.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 4.4.2.3.21.13.2.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 4.4.2.3.21.13.2.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 4.4.2.3.21.13.2.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.3.21.13.2.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		321
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		321
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		322

##### 4.4.2.3.21.13.2.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 4.4.2.3.21.13.2.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 4.4.2.3.21.13.2.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 4.4.2.3.21.13.2.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[1..1]	Amount		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322

##### 4.4.2.3.21.13.2.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 4.4.2.3.21.13.2.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

#### 4.4.2.3.21.13.2.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		322
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		322

##### 4.4.2.3.21.13.2.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

##### 4.4.2.3.21.13.2.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

#### 4.4.2.3.21.13.2.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCdBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCdVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCdNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCdErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

#### 4.4.2.3.21.14 Instalment <Instlmt>

*Presence:* [0..1]

*Definition:* Data related to a financial loan (instalment) or to a recurring transaction.

**Instalment <Instlmt>** contains the following elements (see ["RecurringTransaction2"](#) on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2317
	PlanIdentification <PlanId>	[0..1]	Text		2317
	SequenceNumber <SeqNb>	[0..1]	Quantity		2317
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2317
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2318
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2318
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2318
	TotalAmount <TtlAmt>	[0..1]	Amount	C8	2318
	FirstAmount <FrstAmt>	[0..1]	Amount		2318
	Charges <Chrgs>	[0..1]	Amount		2319

#### 4.4.2.3.21.15 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see ["AggregationTransaction3"](#) on page 2278 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2278
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2278
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2279
	IndividualPayment <IndvPmt>	[0..*]			2279
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Labl>	[0..1]	Text		2280

#### 4.4.2.3.21.16 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* ["Max10Text"](#) on page 2424



#### 4.4.2.3.21.17 SaleItem <SaleItm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2304
	ProductCode <PdctCd>	[1..1]	Text		2304
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2304
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2305
	ProductQuantity <PdctQty>	[0..1]	Quantity		2306
	UnitPrice <UnitPric>	[0..1]	Amount		2306
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2307
	ProductAmount <PdctAmt>	[1..1]	Amount		2307
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2307
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2307
	TaxType <TaxTp>	[0..1]	Text		2307
	ProductDescription <PdctDesc>	[0..1]	Text		2307
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2307
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2308
	SaleChannel <SaleChanl>	[0..1]	Text		2308
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2308

#### 4.4.2.3.21.18 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

*Definition:* Location of the delivery, for instance pump number or parking bay.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.3.21.19 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

**AdditionalInformation <AddtlInf>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		326
	<b>Value</b> <Val>	[0..1]	Binary		326
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		326
	<b>Type</b> <Tp>	[0..1]	Text		326

#### 4.4.2.3.21.19.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 4.4.2.3.21.19.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 4.4.2.3.21.19.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 4.4.2.3.21.19.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 4.4.2.3.21.20 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

#### 4.4.2.3.22 AuthorisationResult <AuthstnRslt>

*Presence:* [0..1]

*Definition:* Outcome of the authorisation request.

**AuthorisationResult <AuthstnRslt>** contains the following **AuthorisationResult11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		327
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			327
	<b>Response</b> <Rspn>	[1..1]	CodeSet		328
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		328
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		328
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		328

##### 4.4.2.3.22.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 2250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2250
	Type <Tp>	[1..1]	CodeSet		2250
	Issuer <Issr>	[0..1]	CodeSet		2250
	Country <Ctry>	[0..1]	Text		2251
	ShortName <ShrtNm>	[0..1]	Text		2251

##### 4.4.2.3.22.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation request.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		328
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		328
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		328

#### 4.4.2.3.22.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response4Code" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

#### 4.4.2.3.22.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

#### 4.4.2.3.22.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

#### 4.4.2.3.22.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Min6Max8Text" on page 2429

#### 4.4.2.3.23 TransactionVerificationResult <TxVrfctnRsIt>

*Presence:* [0..\*]

*Definition:* Result of the performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		328
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		329
	<b>Result</b> <RsIt>	[0..1]	CodeSet		330
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		330

#### 4.4.2.3.23.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 4.4.2.3.23.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.

CodeName	Name	Definition
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 4.4.2.3.23.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 4.4.2.3.23.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 4.4.2.3.24 MerchantReferenceData <MrchntRefData>

*Presence:* [0..1]

*Definition:* Merchant information that must be returned unchanged in the response.

*Datatype:* "Max70Text" on page 2427

#### 4.4.2.3.25 AccountFrom <AcctFr>

*Presence:* [0..1]

*Definition:* Information relevant to the account where the money is taken from.

**AccountFrom** <AcctFr> contains the following **CardAccount15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		331
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		332
	<b>AccountName</b> <AcctNm>	[0..1]	Text		332
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			333
	<b>Name</b> <Nm>	[1..1]	Text		333
	<b>Address</b> <Adr>	[1..1]	±		333
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	333
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			334
{Or	<b>Card</b> <Card>	[1..1]	Text		334
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		334
Or	<b>EMail</b> <EMail>	[1..1]	Text		334
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	334
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		335
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		335
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		335
Or}	<b>Other</b> <Othr>	[1..1]	Text		335
	<b>Servicer</b> <Svcr>	[0..1]			335
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	336
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		336

#### 4.4.2.3.25.1 SelectionMethod <SelctnMtd>

*Presence:* [0..1]

*Definition:* Method used by the cardholder and the terminal for the choice of the account.

*Datatype:* "AccountChoiceMethod1Code" on page 2378

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

#### 4.4.2.3.25.2 SelectedAccountType <SelctdAcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 4.4.2.3.25.3 AccountName <AcctNm>

*Presence:* [0..1]

*Definition:* Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

*Usage:* The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.



*Datatype:* "Max70Text" on page 2427

#### 4.4.2.3.25.4 AccountOwner <AcctOwnr>

*Presence:* [0..1]

*Definition:* Party that legally owns the account.

**AccountOwner <AcctOwnr>** contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[1..1]	Text		333
	<b>Address</b> <Adr>	[1..1]	±		333

##### 4.4.2.3.25.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and is usually used to identify that identity.

*Datatype:* "Max70Text" on page 2427

##### 4.4.2.3.25.4.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Postal address of a party.

**Address <Adr>** contains the following elements (see "PostalAddress1" on page 2322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2323
	AddressLine <AdrLine>	[0..5]	Text		2323
	StreetName <StrtNm>	[0..1]	Text		2323
	BuildingNumber <BldgNb>	[0..1]	Text		2323
	PostCode <PstCd>	[0..1]	Text		2324
	TownName <TwnNm>	[0..1]	Text		2324
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2324
	Country <Ctry>	[1..1]	CodeSet	C1	2324

##### 4.4.2.3.25.5 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Identification of the currency in which the account is held.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 4.4.2.3.25.6 AccountIdentifier <AcctIdr>

*Presence:* [0..1]

*Definition:* Unique identifier of the account, as assigned by the account servicer.

**AccountIdentifier <AcctIdr>** contains one of the following **AccountIdentification39Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>Card</b> <Card>	[1..1]	Text		334
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		334
Or	<b>EMail</b> <EMail>	[1..1]	Text		334
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	334
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		335
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		335
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		335
Or}	<b>Other</b> <Othr>	[1..1]	Text		335

##### 4.4.2.3.25.6.1 Card <Card>

*Presence:* [1..1]

*Definition:* PAN of the card identifying the account.

*Datatype:* "Min8Max28NumericText" on page 2429

##### 4.4.2.3.25.6.2 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

*Datatype:* "Max16Text" on page 2425

##### 4.4.2.3.25.6.3 EMail <EMail>

*Presence:* [1..1]

*Definition:* E-mail identifying the account.

*Datatype:* "Max256Text" on page 2425

##### 4.4.2.3.25.6.4 IBAN <IBAN>

*Presence:* [1..1]

*Definition:* International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

*Impacted by:* C5 "IBAN"

*Datatype:* "IBANIdentifier" on page 2421

#### **Constraints**

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

#### **4.4.2.3.25.6.5 BBAN <BBAN>**

*Presence:* [1..1]

*Definition:* Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

*Datatype:* "BBANIdentifier" on page 2421

#### **4.4.2.3.25.6.6 UPIC <UPIC>**

*Presence:* [1..1]

*Definition:* Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Datatype:* "UPICIdentifier" on page 2422

#### **4.4.2.3.25.6.7 Domestic <Dmst>**

*Presence:* [1..1]

*Definition:* Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.3.25.6.8 Other <Othr>**

*Presence:* [1..1]

*Definition:* Other identifier.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.3.25.7 Servicer <Svcr>**

*Presence:* [0..1]

*Definition:* Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

**Servicer <Svcr>** contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	336
Or}	<b>ProprietaryIdentification</b> <Prtryld>	[1..1]	±		336

#### 4.4.2.3.25.7.1 AnyBIC <AnyBIC>

*Presence:* [1..1]

*Definition:* Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

#### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

#### 4.4.2.3.25.7.2 ProprietaryIdentification <Prtryld>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <Prtryld>** contains the following elements (see "[GenericIdentification1](#)" on page 2242 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2243
	SchemeName <SchmeNm>	[0..1]	Text		2243
	Issuer <Issr>	[0..1]	Text		2243

#### 4.4.2.3.26 AccountTo <AcctTo>

*Presence:* [0..1]

*Definition:* Information relevant to the account where the money is put.

**AccountTo <AcctTo>** contains the following **CardAccount15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		337
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		338
	<b>AccountName</b> <AcctNm>	[0..1]	Text		338
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			339
	<b>Name</b> <Nm>	[1..1]	Text		339
	<b>Address</b> <Adr>	[1..1]	±		339
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	339
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			340
{Or	<b>Card</b> <Card>	[1..1]	Text		340
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		340
Or	<b>EMail</b> <EMail>	[1..1]	Text		340
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	340
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		341
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		341
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		341
Or}	<b>Other</b> <Othr>	[1..1]	Text		341
	<b>Servicer</b> <Svcr>	[0..1]			341
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	342
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		342

#### 4.4.2.3.26.1 SelectionMethod <SelctnMtd>

*Presence:* [0..1]

*Definition:* Method used by the cardholder and the terminal for the choice of the account.

*Datatype:* "AccountChoiceMethod1Code" on page 2378

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

#### 4.4.2.3.26.2 SelectedAccountType <SelctdAcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 4.4.2.3.26.3 AccountName <AcctNm>

*Presence:* [0..1]

*Definition:* Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

*Usage:* The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

*Datatype:* "Max70Text" on page 2427

#### 4.4.2.3.26.4 AccountOwner <AcctOwnr>

*Presence:* [0..1]

*Definition:* Party that legally owns the account.

**AccountOwner <AcctOwnr>** contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[1..1]	Text		339
	<b>Address</b> <Adr>	[1..1]	±		339

##### 4.4.2.3.26.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and is usually used to identify that identity.

*Datatype:* "Max70Text" on page 2427

##### 4.4.2.3.26.4.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Postal address of a party.

**Address <Adr>** contains the following elements (see "PostalAddress1" on page 2322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2323
	AddressLine <AdrLine>	[0..5]	Text		2323
	StreetName <StrtNm>	[0..1]	Text		2323
	BuildingNumber <BldgNb>	[0..1]	Text		2323
	PostCode <PstCd>	[0..1]	Text		2324
	TownName <TwnNm>	[0..1]	Text		2324
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2324
	Country <Ctry>	[1..1]	CodeSet	C1	2324

##### 4.4.2.3.26.5 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Identification of the currency in which the account is held.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 4.4.2.3.26.6 AccountIdentifier <AcctIdr>

*Presence:* [0..1]

*Definition:* Unique identifier of the account, as assigned by the account servicer.

**AccountIdentifier <AcctIdr>** contains one of the following **AccountIdentification39Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>Card</b> <Card>	[1..1]	Text		340
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		340
Or	<b>EMail</b> <EMail>	[1..1]	Text		340
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	340
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		341
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		341
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		341
Or}	<b>Other</b> <Othr>	[1..1]	Text		341

##### 4.4.2.3.26.6.1 Card <Card>

*Presence:* [1..1]

*Definition:* PAN of the card identifying the account.

*Datatype:* "Min8Max28NumericText" on page 2429

##### 4.4.2.3.26.6.2 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

*Datatype:* "Max16Text" on page 2425

##### 4.4.2.3.26.6.3 EMail <EMail>

*Presence:* [1..1]

*Definition:* E-mail identifying the account.

*Datatype:* "Max256Text" on page 2425

##### 4.4.2.3.26.6.4 IBAN <IBAN>

*Presence:* [1..1]



*Definition:* International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

*Impacted by:* C5 "IBAN"

*Datatype:* "IBANIdentifier" on page 2421

#### **Constraints**

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

#### **4.4.2.3.26.6.5 BBAN <BBAN>**

*Presence:* [1..1]

*Definition:* Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

*Datatype:* "BBANIdentifier" on page 2421

#### **4.4.2.3.26.6.6 UPIC <UPIC>**

*Presence:* [1..1]

*Definition:* Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Datatype:* "UPICIdentifier" on page 2422

#### **4.4.2.3.26.6.7 Domestic <Dmst>**

*Presence:* [1..1]

*Definition:* Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.3.26.6.8 Other <Othr>**

*Presence:* [1..1]

*Definition:* Other identifier.

*Datatype:* "Max35Text" on page 2426

#### **4.4.2.3.26.7 Servicer <Svcr>**

*Presence:* [0..1]

*Definition:* Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

**Servicer <Svcr>** contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	342
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		342

#### 4.4.2.3.26.7.1 AnyBIC <AnyBIC>

*Presence:* [1..1]

*Definition:* Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

##### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

#### 4.4.2.3.26.7.2 ProprietaryIdentification <PrtryId>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <PrtryId>** contains the following elements (see "GenericIdentification1" on page 2242 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2243
	SchemeName <SchmeNm>	[0..1]	Text		2243
	Issuer <Issr>	[0..1]	Text		2243

#### 4.4.2.3.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2427

#### 4.4.2.4 SupplementaryData <SplmtryData>

*Presence:* [0..\*]

*Definition:* Additional information incorporated as an extension to the message.

*Impacted by:* C6 "SupplementaryDataRule"

**SupplementaryData <SplmtryData>** contains the following elements (see "[SupplementaryData1](#)" on page 2253 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2254
	Envelope <Envlp>	[1..1]	(External Schema)		2254

#### Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

### 4.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		343
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		343

#### 4.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "[ContentType2Code](#)" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 4.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData** <AuthntcdData> contains the following elements (see "AuthenticatedData6" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

## **5 caaa.004.001.08 AcceptorCompletionAdviceResponseV08**

### **5.1 MessageDefinition Functionality**

The AcceptorCompletionAdviceResponse message is sent by the acquirer (or its agent) to acknowledge the acceptor (or its agent) of the outcome of the payment transaction, and the transfer the financial data of the transaction contained in the completion advice.

#### Outline

The AcceptorCompletionAdviceResponseV08 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Completion advice response message management information.
- B. CompletionAdviceResponse  
Information related to the completion advice response.
- C. SecurityTrailer  
Trailer of the message containing a MAC.

## 5.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCmpltnAdvRspn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			351
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		351
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		353
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		353
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		353
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		353
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		353
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		354
	<b>Traceability</b> <Tracblt>	[0..*]	±		354
	<b>CompletionAdviceResponse</b> <CmpltnAdvRspn>	[1..1]			355
	<b>Environment</b> <Envnt>	[1..1]			360
	<b>Acquirer</b> <Acqrr>	[0..1]	±		365
	<b>Merchant</b> <Mrchnt>	[0..1]			365
	<b>Identification</b> <Id>	[0..1]	±		365
	<b>CommonName</b> <CmonNm>	[0..1]	Text		366
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		366
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		366
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		367
	<b>POI</b> <POI>	[0..1]			367
	<b>Identification</b> <Id>	[1..1]	±		367
	<b>SystemName</b> <SysNm>	[0..1]	Text		368
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		368
	<b>Capabilities</b> <Cpblties>	[0..1]	±		368
	<b>TimeZone</b> <TmZone>	[0..1]	Text		369
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		369
	<b>Component</b> <Cmpnt>	[0..*]	±		370
	<b>Card</b> <Card>	[0..1]			372
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		373
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		373

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		373
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		374
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		374
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		374
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		374
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		374
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		375
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		375
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		375
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		375
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		375
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		375
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		376
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		376
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		376
	<b>Wallet</b> <Wlt>	[0..1]	±		376
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		376
	<b>Cardholder</b> <Crhdldr>	[0..1]			377
	<b>Identification</b> <Id>	[0..1]			381
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		381
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		381
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		382
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		382
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		382
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		382
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		382
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		382
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		382
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		382
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		383
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		383

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		383
	<b>Department</b> <Dept>	[0..1]	Text		383
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		383
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			383
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		383
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		384
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		384
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	384
	<b>Other</b> <Othr>	[0..*]	±		384
	<b>Name</b> <Nm>	[0..1]	Text		384
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	384
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		385
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		385
	<b>TripNumber</b> <TripNb>	[0..1]	Text		386
	<b>Vehicle</b> <Vhcl>	[0..1]	±		386
	<b>Authentication</b> <Authntcn>	[0..*]			387
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		389
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		390
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		391
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		391
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			391
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		391
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		392
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		392
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			392
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		393
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		393
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		393
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		394
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		394
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		394



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		394
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		394
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		394
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		394
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		394
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		395
	<b>JobNumber</b> <JobNb>	[0..1]	Text		395
	<b>Department</b> <Dept>	[0..1]	Text		395
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		395
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			395
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		395
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		395
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		396
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	396
	<b>Other</b> <Othr>	[0..*]	±		396
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			396
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		396
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		397
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		397
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		397
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		397
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			397
	<b>Identification</b> <Id>	[1..1]	Text		398
	<b>Value</b> <Val>	[0..1]	Binary		398
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		398
	<b>Type</b> <Tp>	[0..1]	Text		398
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			398
	<b>Method</b> <Mtd>	[1..1]	CodeSet		399
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		400
	<b>Result</b> <Rslt>	[0..1]	CodeSet		400
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		400

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		401
	<b>MobileData</b> <MobData>	[0..*]			401
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		401
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		401
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		402
	<b>Geolocation</b> <Glctr>	[0..1]			402
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			402
	<b>Latitude</b> <Lat>	[1..1]	Text		402
	<b>Longitude</b> <Long>	[1..1]	Text		402
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			403
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		403
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		403
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		403
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			403
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		404
	<b>IMSI</b> <IMSI>	[0..1]	Text		404
	<b>IMEI</b> <IMEI>	[0..1]	Text		404
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		404
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		404
	<b>Transaction</b> <Tx>	[1..1]			405
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		405
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		405
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		405
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		406
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		406
	<b>Response</b> <Rspn>	[1..1]	CodeSet		406
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			406
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		406
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		407
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		407
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C2	407

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			407
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		408
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		408

## 5.3 Constraints

### C1 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C2 SupplementaryDataRule

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

### C3 ValidationByTable

Must be a valid terrestrial language.

## 5.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 5.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Completion advice response message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		351
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		353
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		353
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntnr>	[0..1]	Text		353
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		353
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		353
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		354
	<b>Traceability</b> <Tracblt>	[0..*]	±		354

#### 5.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

**Definition:** Identifies the type of process related to the message.

**Datatype:** "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.

CodeName	Name	Definition
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 5.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 5.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 5.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 5.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 5.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "[GenericIdentification176](#)" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 5.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 5.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "Traceability8" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

## 5.4.2 CompletionAdviceResponse <CmpltnAdvcRspn>

*Presence:* [1..1]

*Definition:* Information related to the completion advice response.

**CompletionAdviceResponse <CmpltnAdvcRspn>** contains the following  
**AcceptorCompletionAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envnt>	[1..1]			360
	<b>Acquirer</b> <Acqrr>	[0..1]	±		365
	<b>Merchant</b> <Mrchnt>	[0..1]			365
	<b>Identification</b> <Id>	[0..1]	±		365
	<b>CommonName</b> <CmonNm>	[0..1]	Text		366
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		366
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		366
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		367
	<b>POI</b> <POI>	[0..1]			367
	<b>Identification</b> <Id>	[1..1]	±		367
	<b>SystemName</b> <SysNm>	[0..1]	Text		368
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		368
	<b>Capabilities</b> <Cpblties>	[0..1]	±		368
	<b>TimeZone</b> <TmZone>	[0..1]	Text		369
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		369
	<b>Component</b> <Cmpnt>	[0..*]	±		370
	<b>Card</b> <Card>	[0..1]			372
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		373
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		373
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		373
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		374
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		374
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		374
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		374
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		374
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		375
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		375
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		375
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		375
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		375



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		375
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		376
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		376
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		376
	<b>Wallet</b> <Wlt>	[0..1]	±		376
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		376
	<b>Cardholder</b> <Crhdldr>	[0..1]			377
	<b>Identification</b> <Id>	[0..1]			381
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		381
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		381
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		382
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		382
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		382
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		382
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		382
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		382
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		382
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		382
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		383
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		383
	<b>JobNumber</b> <JobNb>	[0..1]	Text		383
	<b>Department</b> <Dept>	[0..1]	Text		383
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		383
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			383
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		383
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		384
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		384
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	384
	<b>Other</b> <Othr>	[0..*]	±		384
	<b>Name</b> <Nm>	[0..1]	Text		384
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	384

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		385
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		385
	<b>TripNumber</b> <TripNb>	[0..1]	Text		386
	<b>Vehicle</b> <Vhcl>	[0..1]	±		386
	<b>Authentication</b> <Authntcn>	[0..*]			387
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		389
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		390
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		391
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		391
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			391
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		391
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		392
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		392
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			392
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		393
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		393
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		393
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		394
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		394
	<b>SocialSecurityNumber</b> <ScIStyNb>	[0..1]	Text		394
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		394
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		394
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		394
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		394
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		394
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		395
	<b>JobNumber</b> <JobNb>	[0..1]	Text		395
	<b>Department</b> <Dept>	[0..1]	Text		395
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		395
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			395
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		395

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		395
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		396
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	396
	<b>Other</b> <Othr>	[0..*]	±		396
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			396
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		396
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		397
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		397
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		397
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		397
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			397
	<b>Identification</b> <Id>	[1..1]	Text		398
	<b>Value</b> <Val>	[0..1]	Binary		398
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		398
	<b>Type</b> <Tp>	[0..1]	Text		398
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			398
	<b>Method</b> <Mtd>	[1..1]	CodeSet		399
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		400
	<b>Result</b> <Rslt>	[0..1]	CodeSet		400
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		400
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		401
	<b>MobileData</b> <MobData>	[0..*]			401
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		401
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		401
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		402
	<b>Geolocation</b> <Glctn>	[0..1]			402
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			402
	<b>Latitude</b> <Lat>	[1..1]	Text		402
	<b>Longitude</b> <Long>	[1..1]	Text		402
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			403
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		403

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		403
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		403
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			403
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		404
	<b>IMSI</b> <IMSI>	[0..1]	Text		404
	<b>IMEI</b> <IMEI>	[0..1]	Text		404
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		404
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		404
	<b>Transaction</b> <Tx>	[1..1]			405
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		405
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		405
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		405
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		406
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		406
	<b>Response</b> <Rspn>	[1..1]	CodeSet		406
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			406
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		406
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		407
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		407
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C2	407

#### 5.4.2.1 Environment <Env>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		365
	<b>Merchant</b> <Mrchnt>	[0..1]			365
	<b>Identification</b> <Id>	[0..1]	±		365
	<b>CommonName</b> <CmonNm>	[0..1]	Text		366
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		366
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		366
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		367
	<b>POI</b> <POI>	[0..1]			367
	<b>Identification</b> <Id>	[1..1]	±		367
	<b>SystemName</b> <SysNm>	[0..1]	Text		368
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		368
	<b>Capabilities</b> <Cpblties>	[0..1]	±		368
	<b>TimeZone</b> <TmZone>	[0..1]	Text		369
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		369
	<b>Component</b> <Cmpnt>	[0..*]	±		370
	<b>Card</b> <Card>	[0..1]			372
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		373
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		373
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		373
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		374
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		374
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		374
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		374
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		374
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		375
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		375
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		375
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		375
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		375
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		375
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		376

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		376
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		376
	<b>Wallet</b> <Wlt>	[0..1]	±		376
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		376
	<b>Cardholder</b> <Crhdldr>	[0..1]			377
	<b>Identification</b> <Id>	[0..1]			381
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		381
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		381
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		382
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		382
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		382
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		382
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		382
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		382
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		382
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		382
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		383
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		383
	<b>JobNumber</b> <JobNb>	[0..1]	Text		383
	<b>Department</b> <Dept>	[0..1]	Text		383
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		383
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			383
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		383
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		384
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		384
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	384
	<b>Other</b> <Othr>	[0..*]	±		384
	<b>Name</b> <Nm>	[0..1]	Text		384
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	384
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		385
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		385

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		386
	<b>Vehicle</b> <Vhcl>	[0..1]	±		386
	<b>Authentication</b> <Authntcn>	[0..*]			387
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		389
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		390
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		391
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		391
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			391
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		391
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		392
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		392
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			392
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		393
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		393
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		393
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		394
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		394
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		394
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		394
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		394
	<b>TaxIdentificationNumber</b> <TaxldNb>	[0..1]	Text		394
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		394
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		394
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		395
	<b>JobNumber</b> <JobNb>	[0..1]	Text		395
	<b>Department</b> <Dept>	[0..1]	Text		395
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		395
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			395
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		395
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		395
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		396

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	396
	<b>Other</b> <Othr>	[0..*]	±		396
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			396
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		396
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		397
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		397
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		397
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		397
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			397
	<b>Identification</b> <Id>	[1..1]	Text		398
	<b>Value</b> <Val>	[0..1]	Binary		398
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		398
	<b>Type</b> <Tp>	[0..1]	Text		398
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			398
	<b>Method</b> <Mtd>	[1..1]	CodeSet		399
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		400
	<b>Result</b> <Rslt>	[0..1]	CodeSet		400
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		400
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		401
	<b>MobileData</b> <MobData>	[0..*]			401
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		401
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		401
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		402
	<b>Geolocation</b> <Glctn>	[0..1]			402
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			402
	<b>Latitude</b> <Lat>	[1..1]	Text		402
	<b>Longitude</b> <Long>	[1..1]	Text		402
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			403
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		403
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		403
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		403



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			403
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		404
	<b>IMSI</b> <IMSI>	[0..1]	Text		404
	<b>IMEI</b> <IMEI>	[0..1]	Text		404
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		404
	<b>ProtectedCardholderData</b> <PrctcdCrdrHldrData>	[0..1]	±		404

#### 5.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 5.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		365
	<b>CommonName</b> <CmonNm>	[0..1]	Text		366
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		366
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		366
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		367

##### 5.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 5.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 5.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 5.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 5.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 5.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		367
	<b>SystemName</b> <SysNm>	[0..1]	Text		368
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		368
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		368
	<b>TimeZone</b> <TmZone>	[0..1]	Text		369
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		369
	<b>Component</b> <Cmpnt>	[0..*]	±		370

##### 5.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 5.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 5.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 5.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 5.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 5.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 5.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 5.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.



**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		373
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		373
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		373
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		374
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		374
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		374
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		374
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		374
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		375
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		375
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		375
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		375
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		375
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		375
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		376
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		376

#### 5.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 5.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 5.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 5.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 5.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 5.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 5.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 5.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 5.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 5.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 5.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 5.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 5.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 5.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 5.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 5.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdHldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			381
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		381
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		381
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		382
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		382
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		382
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		382
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		382
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		382
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		382
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		382
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		383
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		383
	<b>JobNumber</b> <JobNb>	[0..1]	Text		383
	<b>Department</b> <Dept>	[0..1]	Text		383
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		383
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			383
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		383
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		384
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		384
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	384
	<b>Other</b> <Othr>	[0..*]	±		384
	<b>Name</b> <Nm>	[0..1]	Text		384
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	384
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		385
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		385
	<b>TripNumber</b> <TripNb>	[0..1]	Text		386
	<b>Vehicle</b> <Vhcl>	[0..1]	±		386
	<b>Authentication</b> <Authntcn>	[0..*]			387
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		389
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		390

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		391
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		391
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			391
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		391
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		392
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		392
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			392
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		393
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		393
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		393
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		394
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		394
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		394
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		394
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		394
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		394
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		394
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		394
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		395
	<b>JobNumber</b> <JobNb>	[0..1]	Text		395
	<b>Department</b> <Dept>	[0..1]	Text		395
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		395
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			395
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		395
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		395
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		396
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	396
	<b>Other</b> <Othr>	[0..*]	±		396
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			396
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		396
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		397

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		397
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		397
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		397
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			397
	<b>Identification</b> <Id>	[1..1]	Text		398
	<b>Value</b> <Val>	[0..1]	Binary		398
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		398
	<b>Type</b> <Tp>	[0..1]	Text		398
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			398
	<b>Method</b> <Mtd>	[1..1]	CodeSet		399
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		400
	<b>Result</b> <Rslt>	[0..1]	CodeSet		400
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		400
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		401
	<b>MobileData</b> <MobData>	[0..*]			401
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		401
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		401
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		402
	<b>Geolocation</b> <Glctn>	[0..1]			402
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			402
	<b>Latitude</b> <Lat>	[1..1]	Text		402
	<b>Longitude</b> <Long>	[1..1]	Text		402
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			403
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		403
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		403
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		403
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			403
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		404
	<b>IMSI</b> <IMSI>	[0..1]	Text		404
	<b>IMEI</b> <IMEI>	[0..1]	Text		404
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		404



#### 5.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		381
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		381
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		382
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		382
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		382
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		382
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		382
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		382
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		382
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		382
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		383
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		383
	<b>JobNumber</b> <JobNb>	[0..1]	Text		383
	<b>Department</b> <Dept>	[0..1]	Text		383
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		383
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			383
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		383
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		384
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		384
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	384
	<b>Other</b> <Othr>	[0..*]	±		384

##### 5.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 5.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 5.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		383
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		384
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		384
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	384

##### 5.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 5.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 5.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 5.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 5.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 5.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 5.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 5.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 5.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		389
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		390
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		391
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		391
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			391
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		391
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		392
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		392
	<b>CardholderIdentification</b> <Crhdldrid>	[0..1]			392
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		393
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		393
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		393
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		394
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		394
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		394
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		394
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		394
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		394
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		394
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		394
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		395
	<b>JobNumber</b> <JobNb>	[0..1]	Text		395
	<b>Department</b> <Dept>	[0..1]	Text		395
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		395
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			395
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		395
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		395
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		396
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	396
	<b>Other</b> <Othr>	[0..*]	±		396
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			396



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		396
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		397
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		397
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		397
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		397
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			397
	<b>Identification</b> <Id>	[1..1]	Text		398
	<b>Value</b> <Val>	[0..1]	Binary		398
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		398
	<b>Type</b> <Tp>	[0..1]	Text		398

#### 5.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 5.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 5.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 5.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 5.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		391
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		392
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		392

##### 5.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 5.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 5.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		393
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		393
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		393
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		394
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		394
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		394
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		394
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		394
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		394
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		394
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		394
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		395
	<b>JobNumber</b> <JobNb>	[0..1]	Text		395
	<b>Department</b> <Dept>	[0..1]	Text		395
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		395
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			395
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		395
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		395
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		396
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	396
	<b>Other</b> <Othr>	[0..*]	±		396

#### 5.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **5.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 5.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		395
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		395
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		396
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	396

##### 5.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 5.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 5.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 5.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		396
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		397

#### 5.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427



#### 5.4.2.1.8.8.7.2 PostalCodeDigits <PstICdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 5.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 5.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		398
	<b>Value</b> <Val>	[0..1]	Binary		398
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		398
	<b>Type</b> <Tp>	[0..1]	Text		398

#### 5.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 5.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 5.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 5.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 5.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		399
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		400
	<b>Result</b> <RsIt>	[0..1]	CodeSet		400
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		400

#### 5.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 5.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 5.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 5.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 5.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 5.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		401
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		401
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		402
	<b>Geolocation</b> <Glctn>	[0..1]			402
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			402
	<b>Latitude</b> <Lat>	[1..1]	Text		402
	<b>Longitude</b> <Long>	[1..1]	Text		402
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			403
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		403
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		403
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		403
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			403
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		404
	<b>IMSI</b> <IMSI>	[0..1]	Text		404
	<b>IMEI</b> <IMEI>	[0..1]	Text		404
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		404

##### 5.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 5.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 5.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			402
	<b>Latitude</b> <Lat>	[1..1]	Text		402
	<b>Longitude</b> <Long>	[1..1]	Text		402
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			403
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		403
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		403
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		403

#### 5.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		402
	<b>Longitude</b> <Long>	[1..1]	Text		402

#### 5.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		403
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		403
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		403

##### 5.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 5.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 5.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		404
	<b>IMSI</b> <IMSI>	[0..1]	Text		404
	<b>IMEI</b> <IMEI>	[0..1]	Text		404

#### 5.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 5.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 5.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 5.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 5.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.



**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see ["ContentInformationType22" on page 2346](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 5.4.2.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Card payment transaction between an acceptor and an acquirer.

**Transaction <Tx>** contains the following **CardPaymentTransactionAdviceResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification &lt;SaleRefId&gt;</b>	[0..1]	Text		405
	<b>TransactionIdentification &lt;TxId&gt;</b>	[1..1]	±		405
	<b>InitiatorTransactionIdentification &lt;InitrTxId&gt;</b>	[0..1]	Text		405
	<b>RecipientTransactionIdentification &lt;RcptTxId&gt;</b>	[0..1]	Text		406
	<b>ReconciliationIdentification &lt;RcncltnId&gt;</b>	[0..1]	Text		406
	<b>Response &lt;Rspn&gt;</b>	[1..1]	CodeSet		406

##### 5.4.2.2.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* ["Max35Text" on page 2426](#)

##### 5.4.2.2.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentifier1" on page 2315](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

##### 5.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* ["Max35Text" on page 2426](#)

#### 5.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 5.4.2.2.5 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.2.6 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of a requested service.

*Datatype:* "Response4Code" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

#### 5.4.2.3 TMSTrigger <TMSTrggr>

*Presence:* [0..1]

*Definition:* Instructions for contacting the terminal management host.

**TMSTrigger <TMSTrggr>** contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		406
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		407
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		407

##### 5.4.2.3.1 TMSContactLevel <TMSCtctLvl>

*Presence:* [1..1]

*Definition:* Level of urgency in contacting the maintenance.

*Datatype:* "TMSContactLevel1Code" on page 2415

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.

CodeName	Name	Definition
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

#### 5.4.2.3.2 TMSIdentification <TMSId>

*Presence:* [0..1]

*Definition:* Identification of the host to contact for the maintenance.

*Datatype:* "Max35Text" on page 2426

#### 5.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

*Presence:* [0..1]

*Definition:* Date and time for calling the maintenance.

*Datatype:* "ISODateTime" on page 2420

#### 5.4.2.4 SupplementaryData <SplmtryData>

*Presence:* [0..\*]

*Definition:* Additional information incorporated as an extension to the message.

*Impacted by:* C2 "SupplementaryDataRule"

**SupplementaryData <SplmtryData>** contains the following elements (see "SupplementaryData1" on page 2253 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2254
	Envelope <Envlp>	[1..1]	(External Schema)		2254

#### Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

### 5.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		408
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		408

### 5.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 5.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

## **6 caaa.005.001.09 AcceptorCancellationRequestV09**

### **6.1 MessageDefinition Functionality**

The AcceptorCancellationRequest message is sent by an acceptor (or its agent) to the acquirer (or its agent), to request the cancellation of a successfully completed transaction. Cancellation should only occur before the transaction has been cleared.

#### Outline

The AcceptorCancellationRequestV09 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Cancellation request message management information.
- B. CancellationRequest  
Information related to the cancellation request.
- C. SecurityTrailer  
Trailer of the message containing a MAC.

## 6.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCxlReq>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			415
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		416
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		417
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		417
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		417
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		418
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		418
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		418
	<b>Traceability</b> <Tracblt>	[0..*]	±		419
	<b>CancellationRequest</b> <CxlReq>	[1..1]			419
	<b>Environment</b> <Envt>	[1..1]			424
	<b>Acquirer</b> <Acqrr>	[0..1]	±		429
	<b>Merchant</b> <Mrchnt>	[0..1]			429
	<b>Identification</b> <Id>	[0..1]	±		429
	<b>CommonName</b> <CmonNm>	[0..1]	Text		430
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		430
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		430
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		431
	<b>POI</b> <POI>	[0..1]			431
	<b>Identification</b> <Id>	[1..1]	±		431
	<b>SystemName</b> <SysNm>	[0..1]	Text		432
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		432
	<b>Capabilities</b> <Cpblties>	[0..1]	±		432
	<b>TimeZone</b> <TmZone>	[0..1]	Text		433
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		433
	<b>Component</b> <Cmpnt>	[0..*]	±		434
	<b>Card</b> <Card>	[0..1]			436
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		437
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		437

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		437
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		438
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		438
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		438
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		438
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		438
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		439
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		439
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		439
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		439
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		439
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		439
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		440
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		440
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		440
	<b>Wallet</b> <Wlt>	[0..1]	±		440
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		440
	<b>Cardholder</b> <Crhdldr>	[0..1]			441
	<b>Identification</b> <Id>	[0..1]			445
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		445
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		445
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		446
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		446
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		446
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		446
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		446
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		446
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		446
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		446
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		447
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		447

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		447
	<b>Department</b> <Dept>	[0..1]	Text		447
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		447
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			447
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		447
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		448
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		448
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	448
	<b>Other</b> <Othr>	[0..*]	±		448
	<b>Name</b> <Nm>	[0..1]	Text		448
	<b>Language</b> <Lang>	[0..1]	CodeSet	C5	448
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		449
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		449
	<b>TripNumber</b> <TripNb>	[0..1]	Text		450
	<b>Vehicle</b> <Vhcl>	[0..1]	±		450
	<b>Authentication</b> <Authntcn>	[0..*]			451
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		453
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		454
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		455
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		455
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			455
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		455
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		456
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		456
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			456
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		457
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		457
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		457
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		458
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		458
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		458



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		458
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		458
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		458
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		458
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		458
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		459
	<b>JobNumber</b> <JobNb>	[0..1]	Text		459
	<b>Department</b> <Dept>	[0..1]	Text		459
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		459
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			459
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		459
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		459
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		460
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	460
	<b>Other</b> <Othr>	[0..*]	±		460
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			460
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		460
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		461
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		461
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		461
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		461
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			461
	<b>Identification</b> <Id>	[1..1]	Text		462
	<b>Value</b> <Val>	[0..1]	Binary		462
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		462
	<b>Type</b> <Tp>	[0..1]	Text		462
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			462
	<b>Method</b> <Mtd>	[1..1]	CodeSet		463
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		464
	<b>Result</b> <Rslt>	[0..1]	CodeSet		464
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		464

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		465
	<b>MobileData</b> <MobData>	[0..*]			465
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		465
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		465
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		466
	<b>Geolocation</b> <Glctr>	[0..1]			466
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			466
	<b>Latitude</b> <Lat>	[1..1]	Text		466
	<b>Longitude</b> <Long>	[1..1]	Text		466
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			467
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		467
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		467
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		467
	<b>SensitiveMobileData</b> <SnstvmobData>	[0..1]			467
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		468
	<b>IMSI</b> <IMSI>	[0..1]	Text		468
	<b>IMEI</b> <IMEI>	[0..1]	Text		468
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		468
	<b>ProtectedCardholderData</b> <PrtctdCrdrhldrData>	[0..1]	±		468
	<b>Context</b> <Cntxt>	[1..1]	±		469
	<b>Transaction</b> <Tx>	[1..1]			472
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		472
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		473
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		473
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		473
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		473
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		473
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		473
	<b>OriginalTransaction</b> <OrgnlTx>	[1..1]	±		474
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		474
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		474

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		474
	<b>TransactionDetails</b> <TxDtls>	[1..1]			475
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	475
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		475
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		475
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		475
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		476
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			476
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		476
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		476

## 6.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### C2 AnyBIC

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

### C3 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C4 IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

### C5 ValidationByTable

Must be a valid terrestrial language.

## 6.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 6.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Cancellation request message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		416
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		417
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		417
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntnr>	[0..1]	Text		417
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		418
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		418
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		418
	<b>Traceability</b> <Tracblt>	[0..*]	±		419

#### 6.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.

CodeName	Name	Definition
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 6.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 6.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 6.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 6.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 6.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "[GenericIdentification176](#)" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 6.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 6.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 6.4.2 CancellationRequest <CxlReq>

*Presence:* [1..1]

*Definition:* Information related to the cancellation request.

**CancellationRequest <CxlReq>** contains the following **AcceptorCancellationRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]			424
	<b>Acquirer</b> <Acqrr>	[0..1]	±		429
	<b>Merchant</b> <Mrchnt>	[0..1]			429
	<b>Identification</b> <Id>	[0..1]	±		429
	<b>CommonName</b> <CmonNm>	[0..1]	Text		430
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		430
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		430
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		431
	<b>POI</b> <POI>	[0..1]			431
	<b>Identification</b> <Id>	[1..1]	±		431
	<b>SystemName</b> <SysNm>	[0..1]	Text		432
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		432
	<b>Capabilities</b> <Cpblties>	[0..1]	±		432
	<b>TimeZone</b> <TmZone>	[0..1]	Text		433
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		433
	<b>Component</b> <Cmpnt>	[0..*]	±		434
	<b>Card</b> <Card>	[0..1]			436
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		437
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		437
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		437
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		438
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		438
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		438
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		438
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		438
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		439
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		439
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		439
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		439
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		439
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		439



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		440
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		440
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		440
	<b>Wallet</b> <Wlt>	[0..1]	±		440
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		440
	<b>Cardholder</b> <Crhdldr>	[0..1]			441
	<b>Identification</b> <Id>	[0..1]			445
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		445
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		445
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		446
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		446
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		446
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		446
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		446
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		446
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		446
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		446
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		447
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		447
	<b>JobNumber</b> <JobNb>	[0..1]	Text		447
	<b>Department</b> <Dept>	[0..1]	Text		447
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		447
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			447
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		447
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		448
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		448
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	448
	<b>Other</b> <Othr>	[0..*]	±		448
	<b>Name</b> <Nm>	[0..1]	Text		448
	<b>Language</b> <Lang>	[0..1]	CodeSet	C5	448
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		449

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		449
	<b>TripNumber</b> <TripNb>	[0..1]	Text		450
	<b>Vehicle</b> <Vhcl>	[0..1]	±		450
	<b>Authentication</b> <Authntcn>	[0..*]			451
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		453
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		454
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		455
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		455
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			455
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		455
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		456
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		456
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			456
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		457
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		457
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		457
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		458
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		458
	<b>SocialSecurityNumber</b> <ScIScyNb>	[0..1]	Text		458
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		458
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		458
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		458
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		458
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		458
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		459
	<b>JobNumber</b> <JobNb>	[0..1]	Text		459
	<b>Department</b> <Dept>	[0..1]	Text		459
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		459
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			459
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		459
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		459

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		460
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	460
	<b>Other</b> <Othr>	[0..*]	±		460
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			460
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		460
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		461
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		461
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		461
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		461
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			461
	<b>Identification</b> <Id>	[1..1]	Text		462
	<b>Value</b> <Val>	[0..1]	Binary		462
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		462
	<b>Type</b> <Tp>	[0..1]	Text		462
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			462
	<b>Method</b> <Mtd>	[1..1]	CodeSet		463
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		464
	<b>Result</b> <Rslt>	[0..1]	CodeSet		464
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		464
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		465
	<b>MobileData</b> <MobData>	[0..*]			465
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		465
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		465
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		466
	<b>Geolocation</b> <Glctn>	[0..1]			466
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			466
	<b>Latitude</b> <Lat>	[1..1]	Text		466
	<b>Longitude</b> <Long>	[1..1]	Text		466
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			467
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		467
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		467

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMNorthward</b> <UTMNRthwrd>	[1..1]	Text		467
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			467
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		468
	<b>IMSI</b> <IMSI>	[0..1]	Text		468
	<b>IMEI</b> <IMEI>	[0..1]	Text		468
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		468
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		468
	<b>Context</b> <Cntxt>	[1..1]	±		469
	<b>Transaction</b> <Tx>	[1..1]			472
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		472
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		473
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		473
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		473
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		473
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		473
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		473
	<b>OriginalTransaction</b> <OrgnlTx>	[1..1]	±		474
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		474
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		474
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		474
	<b>TransactionDetails</b> <TxDtls>	[1..1]			475
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	475
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		475
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		475
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		475
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		476

#### 6.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		429
	<b>Merchant</b> <Mrchnt>	[0..1]			429
	<b>Identification</b> <Id>	[0..1]	±		429
	<b>CommonName</b> <CmonNm>	[0..1]	Text		430
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		430
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		430
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		431
	<b>POI</b> <POI>	[0..1]			431
	<b>Identification</b> <Id>	[1..1]	±		431
	<b>SystemName</b> <SysNm>	[0..1]	Text		432
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		432
	<b>Capabilities</b> <Cpblties>	[0..1]	±		432
	<b>TimeZone</b> <TmZone>	[0..1]	Text		433
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		433
	<b>Component</b> <Cmpnt>	[0..*]	±		434
	<b>Card</b> <Card>	[0..1]			436
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		437
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		437
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		437
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		438
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		438
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		438
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		438
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		438
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		439
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		439
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		439
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		439
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		439
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		439
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		440

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		440
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		440
	<b>Wallet</b> <Wlt>	[0..1]	±		440
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		440
	<b>Cardholder</b> <Crhdldr>	[0..1]			441
	<b>Identification</b> <Id>	[0..1]			445
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		445
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		445
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		446
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		446
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		446
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		446
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		446
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		446
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		446
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		446
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		447
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		447
	<b>JobNumber</b> <JobNb>	[0..1]	Text		447
	<b>Department</b> <Dept>	[0..1]	Text		447
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		447
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			447
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		447
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		448
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		448
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	448
	<b>Other</b> <Othr>	[0..*]	±		448
	<b>Name</b> <Nm>	[0..1]	Text		448
	<b>Language</b> <Lang>	[0..1]	CodeSet	C5	448
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		449
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		449

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		450
	<b>Vehicle</b> <Vhcl>	[0..1]	±		450
	<b>Authentication</b> <Authntcn>	[0..*]			451
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		453
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		454
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		455
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		455
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			455
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		455
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		456
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		456
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			456
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		457
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		457
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		457
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		458
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		458
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		458
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		458
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		458
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		458
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		458
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		458
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		459
	<b>JobNumber</b> <JobNb>	[0..1]	Text		459
	<b>Department</b> <Dept>	[0..1]	Text		459
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		459
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			459
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		459
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		459
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		460

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	460
	<b>Other</b> <Othr>	[0..*]	±		460
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			460
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		460
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		461
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		461
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		461
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		461
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			461
	<b>Identification</b> <Id>	[1..1]	Text		462
	<b>Value</b> <Val>	[0..1]	Binary		462
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		462
	<b>Type</b> <Tp>	[0..1]	Text		462
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			462
	<b>Method</b> <Mtd>	[1..1]	CodeSet		463
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		464
	<b>Result</b> <Rslt>	[0..1]	CodeSet		464
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		464
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		465
	<b>MobileData</b> <MobData>	[0..*]			465
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		465
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		465
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		466
	<b>Geolocation</b> <Glctn>	[0..1]			466
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			466
	<b>Latitude</b> <Lat>	[1..1]	Text		466
	<b>Longitude</b> <Long>	[1..1]	Text		466
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			467
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		467
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		467
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		467



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			467
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		468
	<b>IMSI</b> <IMSI>	[0..1]	Text		468
	<b>IMEI</b> <IMEI>	[0..1]	Text		468
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		468
	<b>ProtectedCardholderData</b> <PrctcdCrdrHldrData>	[0..1]	±		468

#### 6.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "[Acquirer10](#)" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 6.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		429
	<b>CommonName</b> <CmonNm>	[0..1]	Text		430
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		430
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		430
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		431

##### 6.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 6.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 6.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 6.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 6.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 6.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		431
	<b>SystemName</b> <SysNm>	[0..1]	Text		432
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		432
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		432
	<b>TimeZone</b> <TmZone>	[0..1]	Text		433
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		433
	<b>Component</b> <Cmpnt>	[0..*]	±		434

##### 6.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 6.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 6.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 6.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrpLngth>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 6.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 6.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 6.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 6.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.



**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		437
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		437
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		437
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		438
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		438
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		438
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		438
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		438
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		439
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		439
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		439
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		439
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		439
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		439
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		440
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		440

#### 6.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 6.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 6.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 6.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 6.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 6.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 6.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 6.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 6.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 6.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 6.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 6.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 6.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 6.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 6.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 6.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdHdr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			445
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		445
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		445
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		446
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		446
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		446
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		446
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		446
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		446
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		446
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		446
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		447
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		447
	<b>JobNumber</b> <JobNb>	[0..1]	Text		447
	<b>Department</b> <Dept>	[0..1]	Text		447
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		447
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			447
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		447
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		448
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		448
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	448
	<b>Other</b> <Othr>	[0..*]	±		448
	<b>Name</b> <Nm>	[0..1]	Text		448
	<b>Language</b> <Lang>	[0..1]	CodeSet	C5	448
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		449
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		449
	<b>TripNumber</b> <TripNb>	[0..1]	Text		450
	<b>Vehicle</b> <Vhcl>	[0..1]	±		450
	<b>Authentication</b> <Authntcn>	[0..*]			451
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		453
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		454

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		455
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		455
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			455
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		455
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		456
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		456
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			456
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		457
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		457
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		457
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		458
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		458
	<b>SocialSecurityNumber</b> <ScIStcYNb>	[0..1]	Text		458
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		458
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		458
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		458
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		458
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		458
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		459
	<b>JobNumber</b> <JobNb>	[0..1]	Text		459
	<b>Department</b> <Dept>	[0..1]	Text		459
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		459
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			459
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		459
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		459
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		460
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	460
	<b>Other</b> <Othr>	[0..*]	±		460
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			460
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		460
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		461

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		461
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		461
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		461
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			461
	<b>Identification</b> <Id>	[1..1]	Text		462
	<b>Value</b> <Val>	[0..1]	Binary		462
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		462
	<b>Type</b> <Tp>	[0..1]	Text		462
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			462
	<b>Method</b> <Mtd>	[1..1]	CodeSet		463
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		464
	<b>Result</b> <Rslt>	[0..1]	CodeSet		464
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		464
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		465
	<b>MobileData</b> <MobData>	[0..*]			465
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		465
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		465
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		466
	<b>Geolocation</b> <Glctn>	[0..1]			466
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			466
	<b>Latitude</b> <Lat>	[1..1]	Text		466
	<b>Longitude</b> <Long>	[1..1]	Text		466
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			467
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		467
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		467
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		467
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			467
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		468
	<b>IMSI</b> <IMSI>	[0..1]	Text		468
	<b>IMEI</b> <IMEI>	[0..1]	Text		468
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		468



#### 6.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		445
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		445
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		446
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		446
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		446
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		446
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		446
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		446
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		446
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		446
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		447
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		447
	<b>JobNumber</b> <JobNb>	[0..1]	Text		447
	<b>Department</b> <Dept>	[0..1]	Text		447
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		447
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			447
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		447
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		448
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		448
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	448
	<b>Other</b> <Othr>	[0..*]	±		448

##### 6.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 6.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 6.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		447
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		448
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		448
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	448

##### 6.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 6.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 6.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 6.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 6.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C5 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 6.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 6.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 6.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 6.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		453
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		454
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		455
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		455
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			455
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		455
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		456
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		456
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			456
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		457
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		457
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		457
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		458
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		458
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		458
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		458
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		458
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		458
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		458
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		458
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		459
	<b>JobNumber</b> <JobNb>	[0..1]	Text		459
	<b>Department</b> <Dept>	[0..1]	Text		459
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		459
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			459
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		459
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		459
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		460
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	460
	<b>Other</b> <Othr>	[0..*]	±		460
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			460



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		460
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		461
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		461
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		461
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		461
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			461
	<b>Identification</b> <Id>	[1..1]	Text		462
	<b>Value</b> <Val>	[0..1]	Binary		462
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		462
	<b>Type</b> <Tp>	[0..1]	Text		462

#### 6.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 6.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 6.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 6.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 6.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		455
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		456
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		456

#### 6.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 6.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 6.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		457
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		457
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		457
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		458
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		458
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		458
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		458
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		458
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		458
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		458
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		458
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		459
	<b>JobNumber</b> <JobNb>	[0..1]	Text		459
	<b>Department</b> <Dept>	[0..1]	Text		459
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		459
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			459
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		459
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		459
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		460
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	460
	<b>Other</b> <Othr>	[0..*]	±		460

#### 6.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **6.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 6.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		459
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		459
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		460
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	460

##### 6.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 6.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 6.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 6.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		460
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		461

#### 6.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427



#### 6.4.2.1.8.8.7.2 PostalCodeDigits <PstICdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 6.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 6.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		462
	<b>Value</b> <Val>	[0..1]	Binary		462
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		462
	<b>Type</b> <Tp>	[0..1]	Text		462

#### 6.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 6.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 6.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 6.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 6.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		463
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		464
	<b>Result</b> <RsIt>	[0..1]	CodeSet		464
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		464

#### 6.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 6.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 6.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 6.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 6.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 6.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		465
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		465
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		466
	<b>Geolocation</b> <Glctn>	[0..1]			466
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			466
	<b>Latitude</b> <Lat>	[1..1]	Text		466
	<b>Longitude</b> <Long>	[1..1]	Text		466
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			467
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		467
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		467
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		467
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			467
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		468
	<b>IMSI</b> <IMSI>	[0..1]	Text		468
	<b>IMEI</b> <IMEI>	[0..1]	Text		468
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		468

##### 6.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 6.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 6.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			466
	<b>Latitude</b> <Lat>	[1..1]	Text		466
	<b>Longitude</b> <Long>	[1..1]	Text		466
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			467
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		467
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		467
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		467

#### 6.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		466
	<b>Longitude</b> <Long>	[1..1]	Text		466

#### 6.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		467
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		467
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		467

##### 6.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 6.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 6.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 6.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		468
	<b>IMSI</b> <IMSI>	[0..1]	Text		468
	<b>IMEI</b> <IMEI>	[0..1]	Text		468

#### 6.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 6.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 6.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 6.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 6.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.



**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 6.4.2.2 Context <Cntxt>

*Presence:* [1..1]

*Definition:* Context in which the transaction is performed (payment and sale).

**Context <Cntxt>** contains the following elements (see "CardPaymentContext28" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			2283
	CardPresent <CardPres>	[0..1]	Indicator		2283
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		2283
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2283
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2284
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2284
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2284
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2285
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		2286
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		2286
	SaleContext <SaleCntxt>	[0..1]			2286
	SaleIdentification <SaleId>	[0..1]	Text		2287
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2287
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2288
	CashierIdentification <CshrId>	[0..1]	Text		2288
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	2288
	ShiftNumber <ShftNb>	[0..1]	Text		2288
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		2288
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		2288
	InvoiceNumber <InvcNb>	[0..1]	Text		2288
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2289
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2289
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		2289
	SplitPayment <SpltPmt>	[0..1]	Indicator		2290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		2290
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2290
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2290
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2290
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2291
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2291
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2291
	DebtorIdentification <DbtrId>	[0..1]			2292
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296
	CreditorIdentification <CdtrId>	[1..1]			2296
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2298
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		2299

### 6.4.2.3 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Cancellation transaction between an acceptor and an acquirer.

**Transaction <Tx>** contains the following **CardPaymentTransaction96** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		472
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		473
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		473
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		473
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		473
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		473
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		473
	<b>OriginalTransaction</b> <OrgnlTx>	[1..1]	±		474
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		474
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		474
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		474
	<b>TransactionDetails</b> <TxDtls>	[1..1]			475
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	475
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		475
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		475
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		475
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		476

#### 6.4.2.3.1 TransactionCapture <TxCaptr>

*Presence:* [0..1]

*Definition:* Flag indicating whether the transaction data must be captured or not in addition to the message process.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 6.4.2.3.2 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [1..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* "Min3Max4Text" on page 2429

#### 6.4.2.3.3 CustomerConsent <CstmrCnsnt>

*Presence:* [0..\*]

*Definition:* This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 6.4.2.3.4 CardProgrammeProposed <CardPrgrmmPropsd>

*Presence:* [0..\*]

*Definition:* The card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.3.5 CardProgrammeApplied <CardPrgrmmApld>

*Presence:* [0..1]

*Definition:* The card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.3.6 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.3.7 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 6.4.2.3.8 OriginalTransaction <OrgnlTx>

*Presence:* [1..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following elements (see "[CardPaymentTransaction101](#)" on page 1883 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1884
	TransactionIdentification <TxId>	[1..1]	±		1884
	POIIdentification <POIID>	[0..1]	±		1884
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1885
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1885
	TransactionType <TxTp>	[1..1]	CodeSet		1885
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1886
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1886
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1887
	TransactionResult <TxRslt>	[0..1]			1887
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1888
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1888
	Response <Rspn>	[1..1]	CodeSet		1888
	ResponseReason <RspnRsn>	[0..1]	Text		1889
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1889
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1889

#### 6.4.2.3.9 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "[Max35Text](#)" on page 2426

#### 6.4.2.3.10 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "[Max140Text](#)" on page 2424

#### 6.4.2.3.11 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 6.4.2.3.12 TransactionDetails <TxDtIs>

*Presence:* [1..1]

*Definition:* Details of the transaction.

**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency &lt;Ccy&gt;</b>	[0..1]	CodeSet	C1	475
	<b>TotalAmount &lt;TtlAmt&gt;</b>	[1..1]	Amount		475
	<b>ValidityDate &lt;VldtyDt&gt;</b>	[0..1]	Date		475
	<b>ICCRRelatedData &lt;ICCRltdData&gt;</b>	[0..1]	Binary		475

##### 6.4.2.3.12.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

##### 6.4.2.3.12.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 6.4.2.3.12.3 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

##### 6.4.2.3.12.4 ICCRRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

#### 6.4.2.3.13 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2427

### 6.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		476
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		476

#### 6.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 6.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).



**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

# **7 caaa.006.001.08 AcceptorCancellationResponseV08**

## **7.1 MessageDefinition Functionality**

The AcceptorCancellationResponse message is sent by the acquirer (or its agent) to an acceptor (or its agent), to return the outcome of the cancellation request. If the response is positive, the acquirer has voided the financial data from the captured transaction.

### **Outline**

The AcceptorCancellationResponseV08 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Cancellation response message management information.
- B. CancellationResponse  
Information related to the cancellation response.
- C. SecurityTrailer  
Trailer of the message containing a MAC.

## 7.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCxlRspn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			485
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		485
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		486
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		486
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		486
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		487
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		487
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		487
	<b>Traceability</b> <Tracblt>	[0..*]	±		488
	<b>CancellationResponse</b> <CxlRspn>	[1..1]			488
	<b>Environment</b> <Envt>	[1..1]			494
	<b>Acquirer</b> <Acqrr>	[0..1]	±		499
	<b>Merchant</b> <Mrchnt>	[0..1]			499
	<b>Identification</b> <Id>	[0..1]	±		499
	<b>CommonName</b> <CmonNm>	[0..1]	Text		500
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		500
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		500
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		501
	<b>POI</b> <POI>	[0..1]			501
	<b>Identification</b> <Id>	[1..1]	±		501
	<b>SystemName</b> <SysNm>	[0..1]	Text		502
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		502
	<b>Capabilities</b> <Cpblties>	[0..1]	±		502
	<b>TimeZone</b> <TmZone>	[0..1]	Text		503
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		503
	<b>Component</b> <Cmpnt>	[0..*]	±		504
	<b>Card</b> <Card>	[0..1]			506
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		507
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		507

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		507
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		508
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		508
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		508
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		508
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		508
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		509
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		509
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		509
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		509
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		509
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		509
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		510
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		510
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		510
	<b>Wallet</b> <Wlt>	[0..1]	±		510
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		510
	<b>Cardholder</b> <Crhdldr>	[0..1]			511
	<b>Identification</b> <Id>	[0..1]			515
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		515
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		515
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		516
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		516
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		516
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		516
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		516
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		516
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		516
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		516
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		517
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		517

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		517
	<b>Department</b> <Dept>	[0..1]	Text		517
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		517
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			517
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		517
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		518
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		518
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	518
	<b>Other</b> <Othr>	[0..*]	±		518
	<b>Name</b> <Nm>	[0..1]	Text		518
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	518
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		519
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		519
	<b>TripNumber</b> <TripNb>	[0..1]	Text		520
	<b>Vehicle</b> <Vhcl>	[0..1]	±		520
	<b>Authentication</b> <Authntcn>	[0..*]			521
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		523
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		524
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		525
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		525
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			525
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		525
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		526
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		526
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			526
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		527
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		527
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		527
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		528
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		528
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		528

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		528
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		528
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		528
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		528
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		528
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		529
	<b>JobNumber</b> <JobNb>	[0..1]	Text		529
	<b>Department</b> <Dept>	[0..1]	Text		529
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		529
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			529
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		529
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		529
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		530
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	530
	<b>Other</b> <Othr>	[0..*]	±		530
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			530
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		530
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		531
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		531
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		531
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		531
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			531
	<b>Identification</b> <Id>	[1..1]	Text		532
	<b>Value</b> <Val>	[0..1]	Binary		532
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		532
	<b>Type</b> <Tp>	[0..1]	Text		532
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			532
	<b>Method</b> <Mtd>	[1..1]	CodeSet		533
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		534
	<b>Result</b> <Rslt>	[0..1]	CodeSet		534
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		534

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		535
	<b>MobileData</b> <MobData>	[0..*]			535
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		535
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		535
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		536
	<b>Geolocation</b> <Glctr>	[0..1]			536
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			536
	<b>Latitude</b> <Lat>	[1..1]	Text		536
	<b>Longitude</b> <Long>	[1..1]	Text		536
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			537
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		537
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		537
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		537
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			537
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		538
	<b>IMSI</b> <IMSI>	[0..1]	Text		538
	<b>IMEI</b> <IMEI>	[0..1]	Text		538
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		538
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		538
	<b>Transaction</b> <Tx>	[1..1]			539
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		539
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		539
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		540
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		540
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		540
	<b>InterchangeData</b> <IntrchnngData>	[0..1]	Text		540
	<b>TransactionDetails</b> <TxDtls>	[1..1]			540
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	541
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		541
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		541
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		541

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionResponse</b> <TxRspn>	[1..1]			541
	<b>AuthorisationResult</b> <AuthstnRslt>	[1..1]			542
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		543
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			543
	<b>Response</b> <Rspn>	[1..1]	CodeSet		543
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		543
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		544
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		544
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			544
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		544
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		544
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		544
	<b>Action</b> <Actn>	[0..*]			545
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		545
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		546
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			546
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		546
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		547

## 7.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### C2 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C3 ValidationByTable

Must be a valid terrestrial language.

## 7.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.



## 7.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Cancellation response message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		485
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		486
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		486
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		486
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		487
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		487
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		487
	<b>Traceability</b> <Tracblt>	[0..*]	±		488

### 7.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.

CodeName	Name	Definition
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 7.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 7.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 7.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 7.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 7.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 7.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 7.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 7.4.2 CancellationResponse <CxIRspn>

*Presence:* [1..1]

*Definition:* Information related to the cancellation response.

**CancellationResponse <CxIRspn>** contains the following **AcceptorCancellationResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]			494
	<b>Acquirer</b> <Acqrr>	[0..1]	±		499
	<b>Merchant</b> <Mrchnt>	[0..1]			499
	<b>Identification</b> <Id>	[0..1]	±		499
	<b>CommonName</b> <CmonNm>	[0..1]	Text		500
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		500
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		500
	<b>SchemaData</b> <SchmeData>	[0..1]	Text		501
	<b>POI</b> <POI>	[0..1]			501
	<b>Identification</b> <Id>	[1..1]	±		501
	<b>SystemName</b> <SysNm>	[0..1]	Text		502
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		502
	<b>Capabilities</b> <Cpblties>	[0..1]	±		502
	<b>TimeZone</b> <TmZone>	[0..1]	Text		503
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		503
	<b>Component</b> <Cmpnt>	[0..*]	±		504
	<b>Card</b> <Card>	[0..1]			506
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		507
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		507
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		507
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		508
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		508
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		508
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		508
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		508
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		509
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		509
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		509
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		509
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		509

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		509
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		510
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		510
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		510
	<b>Wallet</b> <Wlt>	[0..1]	±		510
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		510
	<b>Cardholder</b> <Crhdldr>	[0..1]			511
	<b>Identification</b> <Id>	[0..1]			515
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		515
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		515
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		516
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		516
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		516
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		516
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		516
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		516
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		516
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		516
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		517
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		517
	<b>JobNumber</b> <JobNb>	[0..1]	Text		517
	<b>Department</b> <Dept>	[0..1]	Text		517
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		517
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			517
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		517
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		518
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		518
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	518
	<b>Other</b> <Othr>	[0..*]	±		518
	<b>Name</b> <Nm>	[0..1]	Text		518
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	518

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		519
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		519
	<b>TripNumber</b> <TripNb>	[0..1]	Text		520
	<b>Vehicle</b> <Vhcl>	[0..1]	±		520
	<b>Authentication</b> <Authntcn>	[0..*]			521
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		523
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		524
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		525
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		525
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			525
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		525
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		526
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		526
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			526
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		527
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		527
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		527
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		528
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		528
	<b>SocialSecurityNumber</b> <ScIStyNb>	[0..1]	Text		528
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		528
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		528
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		528
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		528
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		528
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		529
	<b>JobNumber</b> <JobNb>	[0..1]	Text		529
	<b>Department</b> <Dept>	[0..1]	Text		529
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		529
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			529
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		529

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		529
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		530
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	530
	<b>Other</b> <Othr>	[0..*]	±		530
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			530
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		530
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		531
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		531
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		531
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		531
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			531
	<b>Identification</b> <Id>	[1..1]	Text		532
	<b>Value</b> <Val>	[0..1]	Binary		532
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		532
	<b>Type</b> <Tp>	[0..1]	Text		532
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			532
	<b>Method</b> <Mtd>	[1..1]	CodeSet		533
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		534
	<b>Result</b> <Rslt>	[0..1]	CodeSet		534
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		534
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		535
	<b>MobileData</b> <MobData>	[0..*]			535
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		535
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		535
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		536
	<b>Geolocation</b> <Glctn>	[0..1]			536
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			536
	<b>Latitude</b> <Lat>	[1..1]	Text		536
	<b>Longitude</b> <Long>	[1..1]	Text		536
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			537
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		537



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		537
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		537
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			537
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		538
	<b>IMSI</b> <IMSI>	[0..1]	Text		538
	<b>IMEI</b> <IMEI>	[0..1]	Text		538
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		538
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		538
	<b>Transaction</b> <Tx>	[1..1]			539
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		539
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		539
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		540
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		540
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		540
	<b>InterchangeData</b> <IntrchnData>	[0..1]	Text		540
	<b>TransactionDetails</b> <TxDtls>	[1..1]			540
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	541
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		541
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		541
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		541
	<b>TransactionResponse</b> <TxRspn>	[1..1]			541
	<b>AuthorisationResult</b> <AuthstnRslt>	[1..1]			542
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		543
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			543
	<b>Response</b> <Rspn>	[1..1]	CodeSet		543
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		543
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		544
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		544
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			544
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		544
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		544

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TMSContactDateTime</b> <TMSContactDtTm>	[0..1]	DateTime		544
	<b>Action</b> <Actn>	[0..*]			545
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		545
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		546

#### 7.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		499
	<b>Merchant</b> <Mrchnt>	[0..1]			499
	<b>Identification</b> <Id>	[0..1]	±		499
	<b>CommonName</b> <CmonNm>	[0..1]	Text		500
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		500
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		500
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		501
	<b>POI</b> <POI>	[0..1]			501
	<b>Identification</b> <Id>	[1..1]	±		501
	<b>SystemName</b> <SysNm>	[0..1]	Text		502
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		502
	<b>Capabilities</b> <Cpblties>	[0..1]	±		502
	<b>TimeZone</b> <TmZone>	[0..1]	Text		503
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		503
	<b>Component</b> <Cmpnt>	[0..*]	±		504
	<b>Card</b> <Card>	[0..1]			506
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		507
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		507
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		507
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		508
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		508
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		508
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		508
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		508
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		509
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		509
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		509
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		509
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		509
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		509
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		510

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		510
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		510
	<b>Wallet</b> <Wlt>	[0..1]	±		510
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		510
	<b>Cardholder</b> <Crhdldr>	[0..1]			511
	<b>Identification</b> <Id>	[0..1]			515
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		515
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		515
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		516
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		516
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		516
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		516
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		516
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		516
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		516
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		516
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		517
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		517
	<b>JobNumber</b> <JobNb>	[0..1]	Text		517
	<b>Department</b> <Dept>	[0..1]	Text		517
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		517
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			517
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		517
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		518
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		518
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	518
	<b>Other</b> <Othr>	[0..*]	±		518
	<b>Name</b> <Nm>	[0..1]	Text		518
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	518
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		519
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		519

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		520
	<b>Vehicle</b> <Vhcl>	[0..1]	±		520
	<b>Authentication</b> <Authntcn>	[0..*]			521
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		523
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		524
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		525
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		525
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			525
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		525
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		526
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		526
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			526
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		527
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		527
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		527
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		528
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		528
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		528
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		528
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		528
	<b>TaxIdentificationNumber</b> <TaxldNb>	[0..1]	Text		528
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		528
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		528
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		529
	<b>JobNumber</b> <JobNb>	[0..1]	Text		529
	<b>Department</b> <Dept>	[0..1]	Text		529
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		529
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			529
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		529
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		529
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	530
	<b>Other</b> <Othr>	[0..*]	±		530
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			530
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		530
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		531
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		531
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		531
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		531
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			531
	<b>Identification</b> <Id>	[1..1]	Text		532
	<b>Value</b> <Val>	[0..1]	Binary		532
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		532
	<b>Type</b> <Tp>	[0..1]	Text		532
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			532
	<b>Method</b> <Mtd>	[1..1]	CodeSet		533
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		534
	<b>Result</b> <Rslt>	[0..1]	CodeSet		534
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		534
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		535
	<b>MobileData</b> <MobData>	[0..*]			535
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		535
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		535
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		536
	<b>Geolocation</b> <Glctn>	[0..1]			536
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			536
	<b>Latitude</b> <Lat>	[1..1]	Text		536
	<b>Longitude</b> <Long>	[1..1]	Text		536
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			537
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		537
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		537
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		537

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			537
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		538
	<b>IMSI</b> <IMSI>	[0..1]	Text		538
	<b>IMEI</b> <IMEI>	[0..1]	Text		538
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		538
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		538

#### 7.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 7.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		499
	<b>CommonName</b> <CmonNm>	[0..1]	Text		500
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		500
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		500
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		501

##### 7.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 7.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 7.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 7.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840



#### 7.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 7.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		501
	<b>SystemName</b> <SysNm>	[0..1]	Text		502
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		502
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		502
	<b>TimeZone</b> <TmZone>	[0..1]	Text		503
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		503
	<b>Component</b> <Cmpnt>	[0..*]	±		504

##### 7.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 7.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 7.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 7.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 7.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 7.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 7.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 7.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		507
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		507
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		507
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		508
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		508
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		508
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		508
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		508
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		509
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		509
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		509
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		509
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		509
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		509
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		510
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		510

#### 7.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 7.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 7.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 7.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 7.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 7.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 7.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 7.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423



#### 7.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 7.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 7.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 7.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 7.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 7.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 7.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 7.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdrHldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			515
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		515
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		515
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		516
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		516
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		516
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		516
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		516
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		516
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		516
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		516
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		517
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		517
	<b>JobNumber</b> <JobNb>	[0..1]	Text		517
	<b>Department</b> <Dept>	[0..1]	Text		517
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		517
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			517
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		517
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		518
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		518
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	518
	<b>Other</b> <Othr>	[0..*]	±		518
	<b>Name</b> <Nm>	[0..1]	Text		518
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	518
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		519
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		519
	<b>TripNumber</b> <TripNb>	[0..1]	Text		520
	<b>Vehicle</b> <Vhcl>	[0..1]	±		520
	<b>Authentication</b> <Authntcn>	[0..*]			521
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		523
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		524

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		525
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		525
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			525
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		525
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		526
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		526
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			526
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		527
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		527
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		527
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		528
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		528
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		528
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		528
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		528
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		528
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		528
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		528
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		529
	<b>JobNumber</b> <JobNb>	[0..1]	Text		529
	<b>Department</b> <Dept>	[0..1]	Text		529
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		529
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			529
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		529
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		529
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		530
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	530
	<b>Other</b> <Othr>	[0..*]	±		530
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			530
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		530
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		531

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		531
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		531
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		531
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			531
	<b>Identification</b> <Id>	[1..1]	Text		532
	<b>Value</b> <Val>	[0..1]	Binary		532
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		532
	<b>Type</b> <Tp>	[0..1]	Text		532
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			532
	<b>Method</b> <Mtd>	[1..1]	CodeSet		533
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		534
	<b>Result</b> <Rslt>	[0..1]	CodeSet		534
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		534
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		535
	<b>MobileData</b> <MobData>	[0..*]			535
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		535
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		535
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		536
	<b>Geolocation</b> <Glctn>	[0..1]			536
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			536
	<b>Latitude</b> <Lat>	[1..1]	Text		536
	<b>Longitude</b> <Long>	[1..1]	Text		536
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			537
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		537
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		537
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		537
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			537
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		538
	<b>IMSI</b> <IMSI>	[0..1]	Text		538
	<b>IMEI</b> <IMEI>	[0..1]	Text		538
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		538

#### 7.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		515
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		515
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		516
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		516
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		516
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		516
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		516
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		516
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		516
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		516
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		517
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		517
	<b>JobNumber</b> <JobNb>	[0..1]	Text		517
	<b>Department</b> <Dept>	[0..1]	Text		517
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		517
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			517
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		517
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		518
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		518
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	518
	<b>Other</b> <Othr>	[0..*]	±		518

##### 7.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 7.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426



#### 7.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 7.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		517
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		518
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		518
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	518

##### 7.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 7.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 7.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 7.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 7.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 7.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 7.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 7.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 7.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		523
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		524
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		525
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		525
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			525
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		525
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		526
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		526
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			526
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		527
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		527
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		527
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		528
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		528
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		528
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		528
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		528
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		528
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		528
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		528
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		529
	<b>JobNumber</b> <JobNb>	[0..1]	Text		529
	<b>Department</b> <Dept>	[0..1]	Text		529
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		529
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			529
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		529
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		529
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		530
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	530
	<b>Other</b> <Othr>	[0..*]	±		530
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		530
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		531
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		531
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		531
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		531
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			531
	<b>Identification</b> <Id>	[1..1]	Text		532
	<b>Value</b> <Val>	[0..1]	Binary		532
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		532
	<b>Type</b> <Tp>	[0..1]	Text		532

#### 7.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 7.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.



CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 7.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 7.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 7.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		525
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		526
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		526

##### 7.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBick>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 7.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 7.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		527
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		527
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		527
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		528
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		528
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		528
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		528
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		528
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		528
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		528
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		528
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		529
	<b>JobNumber</b> <JobNb>	[0..1]	Text		529
	<b>Department</b> <Dept>	[0..1]	Text		529
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		529
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			529
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		529
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		529
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		530
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	530
	<b>Other</b> <Othr>	[0..*]	±		530

#### 7.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.8.6.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **7.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 7.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		529
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		529
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		530
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	530

##### 7.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 7.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 7.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 7.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		530
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		531

#### 7.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 7.4.2.1.8.8.7.2 PostalCodeDigits <PstICdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 7.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 7.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		532
	<b>Value</b> <Val>	[0..1]	Binary		532
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		532
	<b>Type</b> <Tp>	[0..1]	Text		532

#### 7.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 7.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 7.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 7.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 7.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.



**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		533
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		534
	<b>Result</b> <RsIt>	[0..1]	CodeSet		534
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		534

#### 7.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 7.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 7.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 7.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 7.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 7.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		535
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		535
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		536
	<b>Geolocation</b> <Glctn>	[0..1]			536
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			536
	<b>Latitude</b> <Lat>	[1..1]	Text		536
	<b>Longitude</b> <Long>	[1..1]	Text		536
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			537
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		537
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		537
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		537
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			537
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		538
	<b>IMSI</b> <IMSI>	[0..1]	Text		538
	<b>IMEI</b> <IMEI>	[0..1]	Text		538
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		538

##### 7.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 7.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 7.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			536
	<b>Latitude</b> <Lat>	[1..1]	Text		536
	<b>Longitude</b> <Long>	[1..1]	Text		536
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			537
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		537
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		537
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		537

#### 7.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		536
	<b>Longitude</b> <Long>	[1..1]	Text		536

#### 7.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 7.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		537
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		537
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		537

##### 7.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 7.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwrdr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 7.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwrdr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 7.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		538
	<b>IMSI</b> <IMSI>	[0..1]	Text		538
	<b>IMEI</b> <IMEI>	[0..1]	Text		538

#### 7.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 7.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 7.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 7.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 7.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 7.4.2.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Cancellation transaction between an acceptor and an acquirer.

**Transaction <Tx>** contains the following **CardPaymentTransaction97** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		539
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		539
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		540
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		540
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		540
	<b>InterchangeData</b> <IntrchgData>	[0..1]	Text		540
	<b>TransactionDetails</b> <TxDtls>	[1..1]			540
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	541
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		541
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		541
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		541

##### 7.4.2.2.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

##### 7.4.2.2.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentifier1"](#) on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 7.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* ["Max35Text"](#) on page 2426

#### 7.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* ["Max140Text"](#) on page 2424

#### 7.4.2.2.5 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* ["Max35Text"](#) on page 2426

#### 7.4.2.2.6 InterchangeData <IntrchgngData>

*Presence:* [0..1]

*Definition:* Interchange information related to the card scheme.

*Datatype:* ["Max140Text"](#) on page 2424

#### 7.4.2.2.7 TransactionDetails <TxDtIs>

*Presence:* [1..1]

*Definition:* Details of the transaction.

**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	541
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		541
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		541
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		541



#### 7.4.2.2.7.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 7.4.2.2.7.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 7.4.2.2.7.3 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 7.4.2.2.7.4 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

#### 7.4.2.3 TransactionResponse <TxRspn>

*Presence:* [1..1]

*Definition:* Response from the acquirer to the cancellation transaction.

**TransactionResponse <TxRspn>** contains the following **CardPaymentTransaction98** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationResult</b> <AuthstnRslt>	[1..1]			542
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		543
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			543
	<b>Response</b> <Rspn>	[1..1]	CodeSet		543
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		543
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		544
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		544
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			544
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		544
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		544
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		544
	<b>Action</b> <Actn>	[0..*]			545
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		545
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		546

#### 7.4.2.3.1 AuthorisationResult <AuthstnRslt>

*Presence:* [1..1]

*Definition:* Outcome of the authorisation, and actions to perform.

**AuthorisationResult <AuthstnRslt>** contains the following **AuthorisationResult12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		543
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			543
	<b>Response</b> <Rspn>	[1..1]	CodeSet		543
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		543
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		544
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		544
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			544
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		544
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		544
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		544

#### 7.4.2.3.1.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 2250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2250
	Type <Tp>	[1..1]	CodeSet		2250
	Issuer <Issr>	[0..1]	CodeSet		2250
	Country <Ctry>	[0..1]	Text		2251
	ShortName <ShrtNm>	[0..1]	Text		2251

#### 7.4.2.3.1.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation request.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		543
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		543
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		544

##### 7.4.2.3.1.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "[Response4Code](#)" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

##### 7.4.2.3.1.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "[Max35Text](#)" on page 2426

#### 7.4.2.3.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

#### 7.4.2.3.1.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Min6Max8Text" on page 2429

#### 7.4.2.3.1.4 TMSTrigger <TMSTrggr>

*Presence:* [0..1]

*Definition:* Acquirer has requested a contact to the maintenance host.

**TMSTrigger <TMSTrggr>** contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		544
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		544
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		544

##### 7.4.2.3.1.4.1 TMSContactLevel <TMSCtctLvl>

*Presence:* [1..1]

*Definition:* Level of urgency in contacting the maintenance.

*Datatype:* "TMSContactLevel1Code" on page 2415

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

##### 7.4.2.3.1.4.2 TMSIdentification <TMSId>

*Presence:* [0..1]

*Definition:* Identification of the host to contact for the maintenance.

*Datatype:* "Max35Text" on page 2426

##### 7.4.2.3.1.4.3 TMSContactDateTime <TMSCtctDtTm>

*Presence:* [0..1]

*Definition:* Date and time for calling the maintenance.

*Datatype:* "ISODateTime" on page 2420

#### 7.4.2.3.2 Action <Actn>

*Presence:* [0..\*]

*Definition:* Set of actions to be performed by the POI (Point Of Interaction) system.

**Action <Actn>** contains the following **Action10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		545
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		546

##### 7.4.2.3.2.1 ActionType <ActnTp>

*Presence:* [1..1]

*Definition:* Type of action to be performed by the POI (Point Of Interaction) system.

*Datatype:* "ActionType9Code" on page 2378

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.

#### 7.4.2.3.2.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

*Definition:* Message to be displayed to the cardholder or the cashier.

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

### 7.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		546
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		547

#### 7.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 7.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on [page 2344](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

## **8 caaa.007.001.09 AcceptorCancellationAdviceV09**

### **8.1 MessageDefinition Functionality**

The AcceptorCancellationAdvice message is sent by an acceptor (or its agent) to notify the acquirer (or its agent) of the cancellation of a successfully completed transaction. The transaction has been completed without financial transfer, or the acceptor is aware that the transaction was not cleared by the acquirer.

#### Outline

The AcceptorCancellationAdviceV09 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Cancellation advice message management information.
- B. CancellationAdvice  
Information related to the cancellation advice.
- C. SecurityTrailer  
Trailer of the message containing a MAC.



## 8.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCxlAdv>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			555
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		555
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		557
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		557
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		557
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		557
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		557
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		558
	<b>Traceability</b> <Tracblt>	[0..*]	±		558
	<b>CancellationAdvice</b> <CxlAdv>	[1..1]			559
	<b>Environment</b> <Envt>	[1..1]			565
	<b>Acquirer</b> <Acqrr>	[0..1]	±		570
	<b>Merchant</b> <Mrchnt>	[0..1]			570
	<b>Identification</b> <Id>	[0..1]	±		570
	<b>CommonName</b> <CmonNm>	[0..1]	Text		571
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		571
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		571
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		572
	<b>POI</b> <POI>	[0..1]			572
	<b>Identification</b> <Id>	[1..1]	±		572
	<b>SystemName</b> <SysNm>	[0..1]	Text		573
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		573
	<b>Capabilities</b> <Cpblties>	[0..1]	±		573
	<b>TimeZone</b> <TmZone>	[0..1]	Text		574
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		574
	<b>Component</b> <Cmpnt>	[0..*]	±		575
	<b>Card</b> <Card>	[0..1]			577
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		578
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		578

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		578
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		579
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		579
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		579
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		579
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		579
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		580
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		580
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		580
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		580
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		580
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		580
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		581
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		581
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		581
	<b>Wallet</b> <Wlt>	[0..1]	±		581
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		581
	<b>Cardholder</b> <Crhdldr>	[0..1]			582
	<b>Identification</b> <Id>	[0..1]			586
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		586
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		586
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		587
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		587
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		587
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		587
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		587
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		587
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		587
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		587
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		588
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		588

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		588
	<b>Department</b> <Dept>	[0..1]	Text		588
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		588
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			588
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		588
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		589
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		589
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	589
	<b>Other</b> <Othr>	[0..*]	±		589
	<b>Name</b> <Nm>	[0..1]	Text		589
	<b>Language</b> <Lang>	[0..1]	CodeSet	C5	589
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		590
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		590
	<b>TripNumber</b> <TripNb>	[0..1]	Text		591
	<b>Vehicle</b> <Vhcl>	[0..1]	±		591
	<b>Authentication</b> <Authntcn>	[0..*]			592
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		594
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		595
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		596
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		596
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			596
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		596
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		597
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		597
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			597
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		598
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		598
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		598
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		599
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		599
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		599

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		599
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		599
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		599
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		599
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		599
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		600
	<b>JobNumber</b> <JobNb>	[0..1]	Text		600
	<b>Department</b> <Dept>	[0..1]	Text		600
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		600
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			600
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		600
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		600
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		601
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	601
	<b>Other</b> <Othr>	[0..*]	±		601
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			601
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		601
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		602
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		602
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		602
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		602
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			602
	<b>Identification</b> <Id>	[1..1]	Text		603
	<b>Value</b> <Val>	[0..1]	Binary		603
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		603
	<b>Type</b> <Tp>	[0..1]	Text		603
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			603
	<b>Method</b> <Mtd>	[1..1]	CodeSet		604
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		605
	<b>Result</b> <Rslt>	[0..1]	CodeSet		605
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		605

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		606
	<b>MobileData</b> <MobData>	[0..*]			606
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		606
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		606
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		607
	<b>Geolocation</b> <Glctr>	[0..1]			607
	<b>GeographicCoordinates</b> <GeogCordints>	[0..1]			607
	<b>Latitude</b> <Lat>	[1..1]	Text		607
	<b>Longitude</b> <Long>	[1..1]	Text		607
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			608
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		608
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		608
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		608
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			608
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		609
	<b>IMSI</b> <IMSI>	[0..1]	Text		609
	<b>IMEI</b> <IMEI>	[0..1]	Text		609
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		609
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		609
	<b>Context</b> <Cntxt>	[0..1]	±		610
	<b>Transaction</b> <Tx>	[1..1]			613
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		615
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		615
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		615
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		615
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		615
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		615
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		616
	<b>TransactionSuccess</b> <TxSucss>	[1..1]	Indicator		616
	<b>Reversal</b> <Rvsl>	[0..1]	Indicator		616
	<b>FailureReason</b> <FailrRsn>	[0..*]	CodeSet		617

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		617
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		617
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		618
	<b>InterchangeData</b> <IntrchgData>	[0..1]	Text		618
	<b>TransactionDetails</b> <TxDtls>	[1..1]			618
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	618
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		618
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		619
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		619
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			619
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		619
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			620
	<b>Response</b> <Rspn>	[1..1]	CodeSet		620
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		620
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		620
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		621
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			621
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		621
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		621
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		621
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		621
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			622
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		622
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		622

## 8.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

## C2 AnyBIC

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

## C3 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

## C4 IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

## C5 ValidationByTable

Must be a valid terrestrial language.

# 8.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

## 8.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Cancellation advice message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		555
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		557
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		557
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		557
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		557
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		557
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		558
	<b>Traceability</b> <Tracblt>	[0..*]	±		558

### 8.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.



CodeName	Name	Definition
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 8.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 8.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 8.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 8.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 8.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

### 8.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2248

### 8.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

## 8.4.2 CancellationAdvice <CxlAdvc>

*Presence:* [1..1]

*Definition:* Information related to the cancellation advice.

**CancellationAdvice <CxIAdv>** contains the following **AcceptorCancellationAdvice9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Env>	[1..1]			565
	<b>Acquirer</b> <Acqrr>	[0..1]	±		570
	<b>Merchant</b> <Mrchnt>	[0..1]			570
	<b>Identification</b> <Id>	[0..1]	±		570
	<b>CommonName</b> <CmonNm>	[0..1]	Text		571
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		571
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		571
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		572
	<b>POI</b> <POI>	[0..1]			572
	<b>Identification</b> <Id>	[1..1]	±		572
	<b>SystemName</b> <SysNm>	[0..1]	Text		573
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		573
	<b>Capabilities</b> <Cpblties>	[0..1]	±		573
	<b>TimeZone</b> <TmZone>	[0..1]	Text		574
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		574
	<b>Component</b> <Cmpnt>	[0..*]	±		575
	<b>Card</b> <Card>	[0..1]			577
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		578
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		578
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		578
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		579
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		579
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		579
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		579
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		579
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		580
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		580
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		580
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		580
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		580
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		580

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		581
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		581
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		581
	<b>Wallet</b> <Wlt>	[0..1]	±		581
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		581
	<b>Cardholder</b> <Crhdldr>	[0..1]			582
	<b>Identification</b> <Id>	[0..1]			586
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		586
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		586
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		587
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		587
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		587
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		587
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		587
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		587
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		587
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		587
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		588
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		588
	<b>JobNumber</b> <JobNb>	[0..1]	Text		588
	<b>Department</b> <Dept>	[0..1]	Text		588
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		588
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			588
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		588
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		589
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		589
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	589
	<b>Other</b> <Othr>	[0..*]	±		589
	<b>Name</b> <Nm>	[0..1]	Text		589
	<b>Language</b> <Lang>	[0..1]	CodeSet	C5	589
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		590

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		590
	<b>TripNumber</b> <TripNb>	[0..1]	Text		591
	<b>Vehicle</b> <Vhcl>	[0..1]	±		591
	<b>Authentication</b> <Authntcn>	[0..*]			592
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		594
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		595
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		596
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		596
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			596
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		596
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		597
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		597
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			597
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		598
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		598
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		598
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		599
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		599
	<b>SocialSecurityNumber</b> <ScIScyNb>	[0..1]	Text		599
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		599
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		599
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		599
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		599
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		599
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		600
	<b>JobNumber</b> <JobNb>	[0..1]	Text		600
	<b>Department</b> <Dept>	[0..1]	Text		600
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		600
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			600
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		600
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		600

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		601
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	601
	<b>Other</b> <Othr>	[0..*]	±		601
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			601
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		601
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		602
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		602
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		602
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		602
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			602
	<b>Identification</b> <Id>	[1..1]	Text		603
	<b>Value</b> <Val>	[0..1]	Binary		603
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		603
	<b>Type</b> <Tp>	[0..1]	Text		603
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			603
	<b>Method</b> <Mtd>	[1..1]	CodeSet		604
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		605
	<b>Result</b> <Rslt>	[0..1]	CodeSet		605
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		605
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		606
	<b>MobileData</b> <MobData>	[0..*]			606
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		606
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		606
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		607
	<b>Geolocation</b> <Glctn>	[0..1]			607
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			607
	<b>Latitude</b> <Lat>	[1..1]	Text		607
	<b>Longitude</b> <Long>	[1..1]	Text		607
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			608
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		608
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		608

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMNorthward</b> <UTMNRthwrd>	[1..1]	Text		608
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			608
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		609
	<b>IMSI</b> <IMSI>	[0..1]	Text		609
	<b>IMEI</b> <IMEI>	[0..1]	Text		609
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		609
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		609
	<b>Context</b> <Cntxt>	[0..1]	±		610
	<b>Transaction</b> <Tx>	[1..1]			613
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		615
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		615
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		615
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		615
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		615
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		615
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		616
	<b>TransactionSuccess</b> <TxSucss>	[1..1]	Indicator		616
	<b>Reversal</b> <Rvsl>	[0..1]	Indicator		616
	<b>FailureReason</b> <FailrRsn>	[0..*]	CodeSet		617
	<b>InitiatorTransactionIdentification</b> <InitrTxld>	[0..1]	Text		617
	<b>RecipientTransactionIdentification</b> <RcptTxld>	[0..1]	Text		617
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		618
	<b>InterchangeData</b> <IntrchgData>	[0..1]	Text		618
	<b>TransactionDetails</b> <TxDtls>	[1..1]			618
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	618
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		618
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		619
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		619
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			619
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		619
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			620



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		620
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		620
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		620
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		621
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			621
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		621
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		621
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		621
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		621

#### 8.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		570
	<b>Merchant</b> <Mrchnt>	[0..1]			570
	<b>Identification</b> <Id>	[0..1]	±		570
	<b>CommonName</b> <CmonNm>	[0..1]	Text		571
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		571
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		571
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		572
	<b>POI</b> <POI>	[0..1]			572
	<b>Identification</b> <Id>	[1..1]	±		572
	<b>SystemName</b> <SysNm>	[0..1]	Text		573
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		573
	<b>Capabilities</b> <Cpblties>	[0..1]	±		573
	<b>TimeZone</b> <TmZone>	[0..1]	Text		574
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		574
	<b>Component</b> <Cmpnt>	[0..*]	±		575
	<b>Card</b> <Card>	[0..1]			577
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		578
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		578
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		578
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		579
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		579
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		579
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		579
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		579
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		580
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		580
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		580
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		580
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		580
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		580
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		581

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		581
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		581
	<b>Wallet</b> <Wlt>	[0..1]	±		581
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		581
	<b>Cardholder</b> <Crhdldr>	[0..1]			582
	<b>Identification</b> <Id>	[0..1]			586
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		586
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		586
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		587
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		587
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		587
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		587
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		587
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		587
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		587
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		587
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		588
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		588
	<b>JobNumber</b> <JobNb>	[0..1]	Text		588
	<b>Department</b> <Dept>	[0..1]	Text		588
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		588
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			588
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		588
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		589
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		589
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	589
	<b>Other</b> <Othr>	[0..*]	±		589
	<b>Name</b> <Nm>	[0..1]	Text		589
	<b>Language</b> <Lang>	[0..1]	CodeSet	C5	589
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		590
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		590

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		591
	<b>Vehicle</b> <Vhcl>	[0..1]	±		591
	<b>Authentication</b> <Authntcn>	[0..*]			592
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		594
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		595
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		596
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		596
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			596
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		596
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		597
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		597
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			597
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		598
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		598
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		598
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		599
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		599
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		599
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		599
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		599
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		599
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		599
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		599
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		600
	<b>JobNumber</b> <JobNb>	[0..1]	Text		600
	<b>Department</b> <Dept>	[0..1]	Text		600
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		600
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			600
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		600
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		600
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		601

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	601
	<b>Other</b> <Othr>	[0..*]	±		601
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			601
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		601
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		602
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		602
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		602
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		602
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			602
	<b>Identification</b> <Id>	[1..1]	Text		603
	<b>Value</b> <Val>	[0..1]	Binary		603
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		603
	<b>Type</b> <Tp>	[0..1]	Text		603
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			603
	<b>Method</b> <Mtd>	[1..1]	CodeSet		604
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		605
	<b>Result</b> <Rslt>	[0..1]	CodeSet		605
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		605
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		606
	<b>MobileData</b> <MobData>	[0..*]			606
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		606
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		606
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		607
	<b>Geolocation</b> <Glctn>	[0..1]			607
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			607
	<b>Latitude</b> <Lat>	[1..1]	Text		607
	<b>Longitude</b> <Long>	[1..1]	Text		607
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			608
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		608
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		608
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		608

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			608
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		609
	<b>IMSI</b> <IMSI>	[0..1]	Text		609
	<b>IMEI</b> <IMEI>	[0..1]	Text		609
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		609
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		609

#### 8.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 8.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		570
	<b>CommonName</b> <CmonNm>	[0..1]	Text		571
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		571
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		571
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		572

##### 8.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 8.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 8.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 8.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 8.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 8.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		572
	<b>SystemName</b> <SysNm>	[0..1]	Text		573
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		573
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		573
	<b>TimeZone</b> <TmZone>	[0..1]	Text		574
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		574
	<b>Component</b> <Cmpnt>	[0..*]	±		575

##### 8.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.



**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 8.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 8.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 8.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrpLngth>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 8.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 8.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 8.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 8.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		578
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		578
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		578
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		579
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		579
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		579
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		579
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		579
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		580
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		580
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		580
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		580
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		580
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		580
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		581
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		581

#### 8.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 8.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 8.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 8.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 8.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 8.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 8.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 8.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 8.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 8.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 8.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427



#### 8.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 8.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 8.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 8.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 8.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			586
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		586
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		586
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		587
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		587
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		587
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		587
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		587
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		587
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		587
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		587
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		588
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		588
	<b>JobNumber</b> <JobNb>	[0..1]	Text		588
	<b>Department</b> <Dept>	[0..1]	Text		588
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		588
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			588
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		588
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		589
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		589
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	589
	<b>Other</b> <Othr>	[0..*]	±		589
	<b>Name</b> <Nm>	[0..1]	Text		589
	<b>Language</b> <Lang>	[0..1]	CodeSet	C5	589
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		590
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		590
	<b>TripNumber</b> <TripNb>	[0..1]	Text		591
	<b>Vehicle</b> <Vhcl>	[0..1]	±		591
	<b>Authentication</b> <Authntcn>	[0..*]			592
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		594
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		595

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		596
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		596
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			596
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		596
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		597
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		597
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			597
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		598
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		598
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		598
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		599
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		599
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		599
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		599
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		599
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		599
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		599
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		599
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		600
	<b>JobNumber</b> <JobNb>	[0..1]	Text		600
	<b>Department</b> <Dept>	[0..1]	Text		600
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		600
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			600
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		600
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		600
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		601
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	601
	<b>Other</b> <Othr>	[0..*]	±		601
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			601
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		601
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		602

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		602
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		602
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		602
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			602
	<b>Identification</b> <Id>	[1..1]	Text		603
	<b>Value</b> <Val>	[0..1]	Binary		603
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		603
	<b>Type</b> <Tp>	[0..1]	Text		603
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			603
	<b>Method</b> <Mtd>	[1..1]	CodeSet		604
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		605
	<b>Result</b> <Rslt>	[0..1]	CodeSet		605
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		605
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		606
	<b>MobileData</b> <MobData>	[0..*]			606
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		606
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		606
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		607
	<b>Geolocation</b> <Glctn>	[0..1]			607
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			607
	<b>Latitude</b> <Lat>	[1..1]	Text		607
	<b>Longitude</b> <Long>	[1..1]	Text		607
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			608
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		608
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		608
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		608
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			608
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		609
	<b>IMSI</b> <IMSI>	[0..1]	Text		609
	<b>IMEI</b> <IMEI>	[0..1]	Text		609
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		609

#### 8.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		586
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		586
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		587
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		587
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		587
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		587
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		587
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		587
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		587
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		587
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		588
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		588
	<b>JobNumber</b> <JobNb>	[0..1]	Text		588
	<b>Department</b> <Dept>	[0..1]	Text		588
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		588
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			588
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		588
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		589
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		589
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	589
	<b>Other</b> <Othr>	[0..*]	±		589

##### 8.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 8.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 8.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		588
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		589
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		589
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	589

##### 8.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420



#### 8.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 8.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 8.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 8.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C5 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 8.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 8.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 8.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 8.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		594
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		595
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		596
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		596
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			596
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		596
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		597
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		597
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			597
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		598
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		598
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		598
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		599
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		599
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		599
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		599
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		599
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		599
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		599
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		599
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		600
	<b>JobNumber</b> <JobNb>	[0..1]	Text		600
	<b>Department</b> <Dept>	[0..1]	Text		600
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		600
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			600
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		600
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		600
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		601
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	601
	<b>Other</b> <Othr>	[0..*]	±		601
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			601

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		601
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		602
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		602
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		602
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		602
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			602
	<b>Identification</b> <Id>	[1..1]	Text		603
	<b>Value</b> <Val>	[0..1]	Binary		603
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		603
	<b>Type</b> <Tp>	[0..1]	Text		603

#### 8.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 8.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 8.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 8.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 8.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		596
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		597
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		597

##### 8.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).



**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 8.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 8.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber &lt;DrvrLicNb&gt;</b>	[0..1]	Text		598
	<b>DriverLicenseLocation &lt;DrvrLicLctn&gt;</b>	[0..1]	Text		598
	<b>DriverLicenseName &lt;DrvrLicNm&gt;</b>	[0..1]	Text		598
	<b>DriverIdentification &lt;DrvrId&gt;</b>	[0..1]	Text		599
	<b>CustomerNumber &lt;CstmrNb&gt;</b>	[0..1]	Text		599
	<b>SocialSecurityNumber &lt;SclSctyNb&gt;</b>	[0..1]	Text		599
	<b>AlienRegistrationNumber &lt;AlnRegnNb&gt;</b>	[0..1]	Text		599
	<b>PassportNumber &lt;PsptNb&gt;</b>	[0..1]	Text		599
	<b>TaxIdentificationNumber &lt;TaxIdNb&gt;</b>	[0..1]	Text		599
	<b>IdentityCardNumber &lt;IdntyCardNb&gt;</b>	[0..1]	Text		599
	<b>EmployerIdentificationNumber &lt;MplyrIdNb&gt;</b>	[0..1]	Text		599
	<b>EmployeeIdentificationNumber &lt;MplyeIdNb&gt;</b>	[0..1]	Text		600
	<b>JobNumber &lt;JobNb&gt;</b>	[0..1]	Text		600
	<b>Department &lt;Dept&gt;</b>	[0..1]	Text		600
	<b>EmailAddress &lt;EmailAdr&gt;</b>	[0..1]	Text		600
	<b>DateAndPlaceOfBirth &lt;DtAndPlcOfBirth&gt;</b>	[0..1]			600
	<b>BirthDate &lt;BirthDt&gt;</b>	[1..1]	Date		600
	<b>ProvinceOfBirth &lt;PrvcOfBirth&gt;</b>	[0..1]	Text		600
	<b>CityOfBirth &lt;CityOfBirth&gt;</b>	[1..1]	Text		601
	<b>CountryOfBirth &lt;CtryOfBirth&gt;</b>	[1..1]	CodeSet	C3	601
	<b>Other &lt;Othr&gt;</b>	[0..*]	±		601

#### 8.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **8.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 8.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		600
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		600
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		601
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	601

##### 8.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 8.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 8.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 8.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		601
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		602

#### 8.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 8.4.2.1.8.8.7.2 PostalCodeDigits <PstICdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 8.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 8.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		603
	<b>Value</b> <Val>	[0..1]	Binary		603
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		603
	<b>Type</b> <Tp>	[0..1]	Text		603

#### 8.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 8.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 8.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 8.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 8.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		604
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		605
	<b>Result</b> <RsIt>	[0..1]	CodeSet		605
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		605

#### 8.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.



CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 8.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 8.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 8.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 8.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 8.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		606
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		606
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		607
	<b>Geolocation</b> <Glctn>	[0..1]			607
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			607
	<b>Latitude</b> <Lat>	[1..1]	Text		607
	<b>Longitude</b> <Long>	[1..1]	Text		607
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			608
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		608
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		608
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		608
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			608
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		609
	<b>IMSI</b> <IMSI>	[0..1]	Text		609
	<b>IMEI</b> <IMEI>	[0..1]	Text		609
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		609

##### 8.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 8.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 8.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			607
	<b>Latitude</b> <Lat>	[1..1]	Text		607
	<b>Longitude</b> <Long>	[1..1]	Text		607
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			608
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		608
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		608
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		608

#### 8.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		607
	<b>Longitude</b> <Long>	[1..1]	Text		607

#### 8.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		608
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		608
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		608

##### 8.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 8.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 8.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		609
	<b>IMSI</b> <IMSI>	[0..1]	Text		609
	<b>IMEI</b> <IMEI>	[0..1]	Text		609

#### 8.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 8.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 8.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 8.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 8.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 8.4.2.2 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context in which the transaction is performed (payment and sale).

**Context <Cntxt>** contains the following elements (see "CardPaymentContext28" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			2283
	CardPresent <CardPres>	[0..1]	Indicator		2283
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		2283
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2283
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2284
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2284
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2284
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2285
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		2286
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		2286
	SaleContext <SaleCntxt>	[0..1]			2286
	SaleIdentification <SaleId>	[0..1]	Text		2287
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2287
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2288
	CashierIdentification <CshrId>	[0..1]	Text		2288
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	2288
	ShiftNumber <ShftNb>	[0..1]	Text		2288
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		2288
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		2288
	InvoiceNumber <InvcNb>	[0..1]	Text		2288
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2289
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2289
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		2289
	SplitPayment <SpltPmt>	[0..1]	Indicator		2290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		2290
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2290
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2290
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2290
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2291
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2291
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2291
	DebtorIdentification <DbtrId>	[0..1]			2292
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296
	CreditorIdentification <CdtrId>	[1..1]			2296
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2298
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		2299

#### 8.4.2.3 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Cancellation transaction between an acceptor and an acquirer.

**Transaction <Tx>** contains the following **CardPaymentTransaction95** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		615
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		615
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		615
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		615
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		615
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		615
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		616
	<b>TransactionSuccess</b> <TxSucss>	[1..1]	Indicator		616
	<b>Reversal</b> <Rvs/ >	[0..1]	Indicator		616
	<b>FailureReason</b> <FailrRsn>	[0..*]	CodeSet		617
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		617
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		617
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		618
	<b>InterchangeData</b> <IntrchnngData>	[0..1]	Text		618
	<b>TransactionDetails</b> <TxDtls>	[1..1]			618
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	618
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		618
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		619
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		619
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			619
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		619
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			620
	<b>Response</b> <Rspn>	[1..1]	CodeSet		620
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		620
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		620
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		621
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			621
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		621
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		621
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		621
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		621

#### 8.4.2.3.1 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [1..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* "Min3Max4Text" on page 2429

#### 8.4.2.3.2 CustomerConsent <CstmrCnsnt>

*Presence:* [0..\*]

*Definition:* This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 8.4.2.3.3 CardProgrammeProposed <CardPrgrmmPropsd>

*Presence:* [0..\*]

*Definition:* The card programme proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.3.4 CardProgrammeApplied <CardPrgrmmApld>

*Presence:* [0..1]

*Definition:* The card programme actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.3.5 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.3.6 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 8.4.2.3.7 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following elements (see "[CardPaymentTransaction101](#)" on page 1883 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1884
	TransactionIdentification <TxId>	[1..1]	±		1884
	POIIdentification <POIID>	[0..1]	±		1884
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1885
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1885
	TransactionType <TxTp>	[1..1]	CodeSet		1885
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1886
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1886
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1887
	TransactionResult <TxRslt>	[0..1]			1887
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1888
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1888
	Response <Rspn>	[1..1]	CodeSet		1888
	ResponseReason <RspnRsn>	[0..1]	Text		1889
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1889
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1889

#### 8.4.2.3.8 TransactionSuccess <TxSuccs>

*Presence:* [1..1]

*Definition:* Outcome of the transaction at the acceptor.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 8.4.2.3.9 Reversal <Rvsl>

*Presence:* [0..1]

*Definition:* Notify that a previous transaction has to be reversed if this original transaction has been approved by the acquirer.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 8.4.2.3.10 FailureReason <FailRsn>

*Presence:* [0..\*]

*Definition:* List of incidents during the transaction.

*Datatype:* "FailureReason3Code" on page 2401

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

#### 8.4.2.3.11 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.3.12 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 8.4.2.3.13 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 8.4.2.3.14 InterchangeData <IntrchgData>

*Presence:* [0..1]

*Definition:* Interchange information related to the card scheme.

*Datatype:* "Max140Text" on page 2424

#### 8.4.2.3.15 TransactionDetails <TxDtls>

*Presence:* [1..1]

*Definition:* Details of the transaction.

**TransactionDetails <TxDtls>** contains the following **CardPaymentTransactionDetails34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	618
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		618
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		619
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		619

##### 8.4.2.3.15.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

##### 8.4.2.3.15.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 8.4.2.3.15.3 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 8.4.2.3.15.4 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

#### 8.4.2.3.16 AuthorisationResult <AuthstnRslt>

*Presence:* [0..1]

*Definition:* Outcome of the authorisation.

**AuthorisationResult <AuthstnRslt>** contains the following **AuthorisationResult12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		619
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			620
	<b>Response</b> <Rspn>	[1..1]	CodeSet		620
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		620
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		620
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		621
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			621
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		621
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		621
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		621

##### 8.4.2.3.16.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 2250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2250
	Type <Tp>	[1..1]	CodeSet		2250
	Issuer <Issr>	[0..1]	CodeSet		2250
	Country <Ctry>	[0..1]	Text		2251
	ShortName <ShrtNm>	[0..1]	Text		2251

#### 8.4.2.3.16.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation request.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		620
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		620
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		620

##### 8.4.2.3.16.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "[Response4Code](#)" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

##### 8.4.2.3.16.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "[Max35Text](#)" on page 2426

##### 8.4.2.3.16.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "[Max140Text](#)" on page 2424



#### 8.4.2.3.16.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Min6Max8Text" on page 2429

#### 8.4.2.3.16.4 TMSTrigger <TMSTrggr>

*Presence:* [0..1]

*Definition:* Acquirer has requested a contact to the maintenance host.

**TMSTrigger <TMSTrggr>** contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		621
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		621
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		621

##### 8.4.2.3.16.4.1 TMSContactLevel <TMSCtctLvl>

*Presence:* [1..1]

*Definition:* Level of urgency in contacting the maintenance.

*Datatype:* "TMSContactLevel1Code" on page 2415

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

##### 8.4.2.3.16.4.2 TMSIdentification <TMSId>

*Presence:* [0..1]

*Definition:* Identification of the host to contact for the maintenance.

*Datatype:* "Max35Text" on page 2426

##### 8.4.2.3.16.4.3 TMSContactDateTime <TMSCtctDtTm>

*Presence:* [0..1]

*Definition:* Date and time for calling the maintenance.

*Datatype:* "ISODateTime" on page 2420

#### 8.4.2.3.17 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2427

## 8.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		622
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		622

### 8.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 8.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "AuthenticatedData6" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

## **9 caaa.008.001.08 AcceptorCancellationAdviceResponseV08**

### **9.1 MessageDefinition Functionality**

The AcceptorCancellationAdviceResponse message is sent by the acquirer (or its agent) to acknowledge the acceptor (or its agent) about the notification of the payment cancellation.

#### Outline

The AcceptorCancellationAdviceResponseV08 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Cancellation advice response message management information.
- B. CancellationAdviceResponse  
Information related to the cancellation advice response.
- C. SecurityTrailer  
Trailer of the message containing a MAC.

## 9.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCxlAdvcrspn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			629
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		629
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		631
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		631
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		631
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		631
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		631
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		632
	<b>Traceability</b> <Tracblt>	[0..*]	±		632
	<b>CancellationAdviceResponse</b> <CxlAdvcrspn>	[1..1]			633
	<b>Environment</b> <Envnt>	[1..1]			638
	<b>Acquirer</b> <Acqrr>	[0..1]	±		643
	<b>Merchant</b> <Mrchnt>	[0..1]			643
	<b>Identification</b> <Id>	[0..1]	±		643
	<b>CommonName</b> <CmonNm>	[0..1]	Text		644
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		644
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		644
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		645
	<b>POI</b> <POI>	[0..1]			645
	<b>Identification</b> <Id>	[1..1]	±		645
	<b>SystemName</b> <SysNm>	[0..1]	Text		646
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		646
	<b>Capabilities</b> <Cpblties>	[0..1]	±		646
	<b>TimeZone</b> <TmZone>	[0..1]	Text		647
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		647
	<b>Component</b> <Cmpnt>	[0..*]	±		648
	<b>Card</b> <Card>	[0..1]			650
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		651
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		651

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		651
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		652
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		652
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		652
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		652
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		652
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		653
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		653
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		653
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		653
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		653
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		653
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		654
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		654
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		654
	<b>Wallet</b> <Wlt>	[0..1]	±		654
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		654
	<b>Cardholder</b> <Crhdldr>	[0..1]			655
	<b>Identification</b> <Id>	[0..1]			659
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		659
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		659
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		660
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		660
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		660
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		660
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		660
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		660
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		660
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		660
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		661
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		661

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		661
	<b>Department</b> <Dept>	[0..1]	Text		661
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		661
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			661
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		661
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		662
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		662
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	662
	<b>Other</b> <Othr>	[0..*]	±		662
	<b>Name</b> <Nm>	[0..1]	Text		662
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	662
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		663
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		663
	<b>TripNumber</b> <TripNb>	[0..1]	Text		664
	<b>Vehicle</b> <Vhcl>	[0..1]	±		664
	<b>Authentication</b> <Authntcn>	[0..*]			665
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		667
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		668
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		669
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		669
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			669
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		669
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		670
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		670
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			670
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		671
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		671
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		671
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		672
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		672
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		672

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		672
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		672
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		672
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		672
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		672
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		673
	<b>JobNumber</b> <JobNb>	[0..1]	Text		673
	<b>Department</b> <Dept>	[0..1]	Text		673
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		673
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			673
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		673
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		673
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		674
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	674
	<b>Other</b> <Othr>	[0..*]	±		674
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			674
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		674
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		675
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		675
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		675
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		675
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			675
	<b>Identification</b> <Id>	[1..1]	Text		676
	<b>Value</b> <Val>	[0..1]	Binary		676
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		676
	<b>Type</b> <Tp>	[0..1]	Text		676
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			676
	<b>Method</b> <Mtd>	[1..1]	CodeSet		677
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		678
	<b>Result</b> <Rslt>	[0..1]	CodeSet		678
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		678

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		679
	<b>MobileData</b> <MobData>	[0..*]			679
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		679
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		679
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		680
	<b>Geolocation</b> <Glctr>	[0..1]			680
	<b>GeographicCoordinates</b> <GeogCordints>	[0..1]			680
	<b>Latitude</b> <Lat>	[1..1]	Text		680
	<b>Longitude</b> <Long>	[1..1]	Text		680
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			681
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		681
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		681
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		681
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			681
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		682
	<b>IMSI</b> <IMSI>	[0..1]	Text		682
	<b>IMEI</b> <IMEI>	[0..1]	Text		682
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		682
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		682
	<b>Transaction</b> <Tx>	[1..1]			683
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		683
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		683
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		683
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		684
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		684
	<b>Response</b> <Rspn>	[1..1]	CodeSet		684
	<b>TMSTrigger</b> <TMSTrgr>	[0..1]			684
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		684
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		685
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		685
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			685



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		685
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		686

## 9.3 Constraints

### C1 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C2 ValidationByTable

Must be a valid terrestrial language.

## 9.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 9.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Cancellation advice response message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		629
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		631
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		631
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		631
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		631
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		631
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		632
	<b>Traceability</b> <Tracblt>	[0..*]	±		632

#### 9.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.

CodeName	Name	Definition
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 9.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 9.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 9.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 9.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 9.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 9.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2248

#### 9.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

## 9.4.2 CancellationAdviceResponse <CxlAdvcRspn>

*Presence:* [1..1]

*Definition:* Information related to the cancellation advice response.

**CancellationAdviceResponse <CxlAdvcRspn>** contains the following  
**AcceptorCancellationAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envnt>	[1..1]			638
	<b>Acquirer</b> <Acqrr>	[0..1]	±		643
	<b>Merchant</b> <Mrchnt>	[0..1]			643
	<b>Identification</b> <Id>	[0..1]	±		643
	<b>CommonName</b> <CmonNm>	[0..1]	Text		644
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		644
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		644
	<b>SchemaData</b> <SchmeData>	[0..1]	Text		645
	<b>POI</b> <POI>	[0..1]			645
	<b>Identification</b> <Id>	[1..1]	±		645
	<b>SystemName</b> <SysNm>	[0..1]	Text		646
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		646
	<b>Capabilities</b> <Cpblties>	[0..1]	±		646
	<b>TimeZone</b> <TmZone>	[0..1]	Text		647
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		647
	<b>Component</b> <Cmpnt>	[0..*]	±		648
	<b>Card</b> <Card>	[0..1]			650
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		651
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		651
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		651
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		652
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		652
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		652
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		652
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		652
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		653
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		653
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		653
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		653
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		653

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		653
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		654
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		654
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		654
	<b>Wallet</b> <Wlt>	[0..1]	±		654
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		654
	<b>Cardholder</b> <Crhdldr>	[0..1]			655
	<b>Identification</b> <Id>	[0..1]			659
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		659
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		659
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		660
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		660
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		660
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		660
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		660
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		660
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		660
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		660
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		661
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		661
	<b>JobNumber</b> <JobNb>	[0..1]	Text		661
	<b>Department</b> <Dept>	[0..1]	Text		661
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		661
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			661
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		661
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		662
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		662
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	662
	<b>Other</b> <Othr>	[0..*]	±		662
	<b>Name</b> <Nm>	[0..1]	Text		662
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	662

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		663
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		663
	<b>TripNumber</b> <TripNb>	[0..1]	Text		664
	<b>Vehicle</b> <Vhcl>	[0..1]	±		664
	<b>Authentication</b> <Authntcn>	[0..*]			665
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		667
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		668
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		669
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		669
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			669
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		669
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		670
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		670
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			670
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		671
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		671
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		671
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		672
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		672
	<b>SocialSecurityNumber</b> <ScIStyNb>	[0..1]	Text		672
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		672
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		672
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		672
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		672
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		672
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		673
	<b>JobNumber</b> <JobNb>	[0..1]	Text		673
	<b>Department</b> <Dept>	[0..1]	Text		673
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		673
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			673
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		673



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		673
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		674
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	674
	<b>Other</b> <Othr>	[0..*]	±		674
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			674
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		674
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		675
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		675
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		675
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		675
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			675
	<b>Identification</b> <Id>	[1..1]	Text		676
	<b>Value</b> <Val>	[0..1]	Binary		676
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		676
	<b>Type</b> <Tp>	[0..1]	Text		676
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			676
	<b>Method</b> <Mtd>	[1..1]	CodeSet		677
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		678
	<b>Result</b> <Rslt>	[0..1]	CodeSet		678
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		678
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		679
	<b>MobileData</b> <MobData>	[0..*]			679
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		679
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		679
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		680
	<b>Geolocation</b> <Glctn>	[0..1]			680
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			680
	<b>Latitude</b> <Lat>	[1..1]	Text		680
	<b>Longitude</b> <Long>	[1..1]	Text		680
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			681
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		681

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		681
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		681
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			681
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		682
	<b>IMSI</b> <IMSI>	[0..1]	Text		682
	<b>IMEI</b> <IMEI>	[0..1]	Text		682
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		682
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		682
	<b>Transaction</b> <Tx>	[1..1]			683
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		683
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		683
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		683
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		684
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		684
	<b>Response</b> <Rspn>	[1..1]	CodeSet		684
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			684
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		684
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		685
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		685

#### 9.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		643
	<b>Merchant</b> <Mrchnt>	[0..1]			643
	<b>Identification</b> <Id>	[0..1]	±		643
	<b>CommonName</b> <CmonNm>	[0..1]	Text		644
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		644
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		644
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		645
	<b>POI</b> <POI>	[0..1]			645
	<b>Identification</b> <Id>	[1..1]	±		645
	<b>SystemName</b> <SysNm>	[0..1]	Text		646
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		646
	<b>Capabilities</b> <Cpblties>	[0..1]	±		646
	<b>TimeZone</b> <TmZone>	[0..1]	Text		647
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		647
	<b>Component</b> <Cmpnt>	[0..*]	±		648
	<b>Card</b> <Card>	[0..1]			650
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		651
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		651
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		651
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		652
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		652
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		652
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		652
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		652
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		653
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		653
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		653
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		653
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		653
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		653
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		654

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		654
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		654
	<b>Wallet</b> <Wlt>	[0..1]	±		654
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		654
	<b>Cardholder</b> <Crhdldr>	[0..1]			655
	<b>Identification</b> <Id>	[0..1]			659
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		659
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		659
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		660
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		660
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		660
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		660
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		660
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		660
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		660
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		660
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		661
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		661
	<b>JobNumber</b> <JobNb>	[0..1]	Text		661
	<b>Department</b> <Dept>	[0..1]	Text		661
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		661
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			661
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		661
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		662
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		662
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	662
	<b>Other</b> <Othr>	[0..*]	±		662
	<b>Name</b> <Nm>	[0..1]	Text		662
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	662
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		663
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		663

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		664
	<b>Vehicle</b> <Vhcl>	[0..1]	±		664
	<b>Authentication</b> <Authntcn>	[0..*]			665
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		667
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		668
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		669
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		669
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			669
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		669
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		670
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		670
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			670
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		671
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		671
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		671
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		672
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		672
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		672
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		672
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		672
	<b>TaxIdentificationNumber</b> <TaxldNb>	[0..1]	Text		672
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		672
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		672
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		673
	<b>JobNumber</b> <JobNb>	[0..1]	Text		673
	<b>Department</b> <Dept>	[0..1]	Text		673
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		673
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			673
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		673
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		673
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		674

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	674
	<b>Other</b> <Othr>	[0..*]	±		674
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			674
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		674
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		675
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		675
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		675
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		675
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			675
	<b>Identification</b> <Id>	[1..1]	Text		676
	<b>Value</b> <Val>	[0..1]	Binary		676
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		676
	<b>Type</b> <Tp>	[0..1]	Text		676
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			676
	<b>Method</b> <Mtd>	[1..1]	CodeSet		677
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		678
	<b>Result</b> <Rslt>	[0..1]	CodeSet		678
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		678
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		679
	<b>MobileData</b> <MobData>	[0..*]			679
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		679
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		679
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		680
	<b>Geolocation</b> <Glctn>	[0..1]			680
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			680
	<b>Latitude</b> <Lat>	[1..1]	Text		680
	<b>Longitude</b> <Long>	[1..1]	Text		680
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			681
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		681
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		681
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		681

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			681
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		682
	<b>IMSI</b> <IMSI>	[0..1]	Text		682
	<b>IMEI</b> <IMEI>	[0..1]	Text		682
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		682
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		682

#### 9.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 9.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		643
	<b>CommonName</b> <CmonNm>	[0..1]	Text		644
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		644
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		644
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		645

##### 9.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 9.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 9.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 9.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840



#### 9.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 9.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		645
	<b>SystemName</b> <SysNm>	[0..1]	Text		646
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		646
	<b>Capabilities</b> <Cpblties>	[0..1]	±		646
	<b>TimeZone</b> <TmZone>	[0..1]	Text		647
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		647
	<b>Component</b> <Cmpnt>	[0..*]	±		648

##### 9.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 9.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 9.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 9.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 9.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 9.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 9.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 9.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		651
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		651
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		651
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		652
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		652
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		652
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		652
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		652
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		653
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		653
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		653
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		653
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		653
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		653
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		654
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		654

#### 9.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 9.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 9.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 9.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 9.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 9.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 9.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 9.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423



#### 9.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 9.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 9.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 9.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 9.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 9.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 9.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 9.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdrHldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			659
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		659
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		659
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		660
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		660
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		660
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		660
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		660
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		660
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		660
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		660
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		661
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		661
	<b>JobNumber</b> <JobNb>	[0..1]	Text		661
	<b>Department</b> <Dept>	[0..1]	Text		661
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		661
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			661
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		661
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		662
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		662
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	662
	<b>Other</b> <Othr>	[0..*]	±		662
	<b>Name</b> <Nm>	[0..1]	Text		662
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	662
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		663
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		663
	<b>TripNumber</b> <TripNb>	[0..1]	Text		664
	<b>Vehicle</b> <Vhcl>	[0..1]	±		664
	<b>Authentication</b> <Authntcn>	[0..*]			665
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		667
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		668

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		669
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		669
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			669
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		669
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		670
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		670
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			670
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		671
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		671
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		671
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		672
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		672
	<b>SocialSecurityNumber</b> <ScIStctyNb>	[0..1]	Text		672
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		672
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		672
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		672
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		672
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		672
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		673
	<b>JobNumber</b> <JobNb>	[0..1]	Text		673
	<b>Department</b> <Dept>	[0..1]	Text		673
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		673
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			673
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		673
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		673
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		674
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	674
	<b>Other</b> <Othr>	[0..*]	±		674
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			674
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		674
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		675

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		675
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		675
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		675
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			675
	<b>Identification</b> <Id>	[1..1]	Text		676
	<b>Value</b> <Val>	[0..1]	Binary		676
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		676
	<b>Type</b> <Tp>	[0..1]	Text		676
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			676
	<b>Method</b> <Mtd>	[1..1]	CodeSet		677
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		678
	<b>Result</b> <Rslt>	[0..1]	CodeSet		678
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		678
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		679
	<b>MobileData</b> <MobData>	[0..*]			679
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		679
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		679
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		680
	<b>Geolocation</b> <Glctn>	[0..1]			680
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			680
	<b>Latitude</b> <Lat>	[1..1]	Text		680
	<b>Longitude</b> <Long>	[1..1]	Text		680
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			681
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		681
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		681
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		681
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			681
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		682
	<b>IMSI</b> <IMSI>	[0..1]	Text		682
	<b>IMEI</b> <IMEI>	[0..1]	Text		682
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		682

#### 9.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		659
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		659
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		660
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		660
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		660
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		660
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		660
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		660
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		660
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		660
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		661
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		661
	<b>JobNumber</b> <JobNb>	[0..1]	Text		661
	<b>Department</b> <Dept>	[0..1]	Text		661
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		661
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			661
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		661
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		662
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		662
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	662
	<b>Other</b> <Othr>	[0..*]	±		662

##### 9.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 9.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426



#### 9.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 9.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		661
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		662
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		662
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	662

##### 9.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 9.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 9.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 9.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 9.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 9.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 9.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 9.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 9.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		667
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		668
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		669
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		669
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			669
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		669
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		670
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		670
	<b>CardholderIdentification</b> <Crhdldrid>	[0..1]			670
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		671
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		671
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		671
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		672
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		672
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		672
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		672
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		672
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		672
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		672
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		672
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		673
	<b>JobNumber</b> <JobNb>	[0..1]	Text		673
	<b>Department</b> <Dept>	[0..1]	Text		673
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		673
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			673
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		673
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		673
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		674
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	674
	<b>Other</b> <Othr>	[0..*]	±		674
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			674

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		674
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		675
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		675
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		675
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		675
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			675
	<b>Identification</b> <Id>	[1..1]	Text		676
	<b>Value</b> <Val>	[0..1]	Binary		676
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		676
	<b>Type</b> <Tp>	[0..1]	Text		676

#### 9.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 9.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.



CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 9.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 9.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 9.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		669
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		670
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		670

##### 9.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 9.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 9.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		671
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		671
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		671
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		672
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		672
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		672
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		672
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		672
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		672
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		672
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		672
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		673
	<b>JobNumber</b> <JobNb>	[0..1]	Text		673
	<b>Department</b> <Dept>	[0..1]	Text		673
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		673
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			673
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		673
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		673
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		674
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	674
	<b>Other</b> <Othr>	[0..*]	±		674

#### 9.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.8.6.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **9.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 9.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		673
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		673
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		674
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	674

##### 9.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 9.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 9.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 9.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		674
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		675

#### 9.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 9.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 9.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 9.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		676
	<b>Value</b> <Val>	[0..1]	Binary		676
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		676
	<b>Type</b> <Tp>	[0..1]	Text		676

#### 9.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 9.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 9.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 9.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 9.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.



**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		677
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		678
	<b>Result</b> <RsIt>	[0..1]	CodeSet		678
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		678

#### 9.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 9.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 9.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 9.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 9.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 9.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		679
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		679
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		680
	<b>Geolocation</b> <Glctn>	[0..1]			680
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			680
	<b>Latitude</b> <Lat>	[1..1]	Text		680
	<b>Longitude</b> <Long>	[1..1]	Text		680
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			681
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		681
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		681
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		681
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			681
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		682
	<b>IMSI</b> <IMSI>	[0..1]	Text		682
	<b>IMEI</b> <IMEI>	[0..1]	Text		682
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		682

##### 9.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 9.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 9.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			680
	<b>Latitude</b> <Lat>	[1..1]	Text		680
	<b>Longitude</b> <Long>	[1..1]	Text		680
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			681
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		681
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		681
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		681

#### 9.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		680
	<b>Longitude</b> <Long>	[1..1]	Text		680

#### 9.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		681
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		681
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		681

##### 9.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 9.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 9.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		682
	<b>IMSI</b> <IMSI>	[0..1]	Text		682
	<b>IMEI</b> <IMEI>	[0..1]	Text		682

#### 9.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 9.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 9.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 9.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 9.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see ["ContentInformationType22" on page 2346](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 9.4.2.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Cancellation transaction from an acceptor to the acquirer.

**Transaction <Tx>** contains the following **CardPaymentTransactionAdviceResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification &lt;SaleRefId&gt;</b>	[0..1]	Text		683
	<b>TransactionIdentification &lt;TxId&gt;</b>	[1..1]	±		683
	<b>InitiatorTransactionIdentification &lt;InitrTxId&gt;</b>	[0..1]	Text		683
	<b>RecipientTransactionIdentification &lt;RcptTxId&gt;</b>	[0..1]	Text		684
	<b>ReconciliationIdentification &lt;RcncltnId&gt;</b>	[0..1]	Text		684
	<b>Response &lt;Rspn&gt;</b>	[1..1]	CodeSet		684

##### 9.4.2.2.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* ["Max35Text" on page 2426](#)

##### 9.4.2.2.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentifier1" on page 2315](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

##### 9.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* ["Max35Text" on page 2426](#)

#### 9.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 9.4.2.2.5 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.2.6 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of a requested service.

*Datatype:* "Response4Code" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.

#### 9.4.2.3 TMSTrigger <TMSTrggr>

*Presence:* [0..1]

*Definition:* Instructions for contacting the terminal management host.

**TMSTrigger <TMSTrggr>** contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		684
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		685
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		685

##### 9.4.2.3.1 TMSContactLevel <TMSCtctLvl>

*Presence:* [1..1]

*Definition:* Level of urgency in contacting the maintenance.

*Datatype:* "TMSContactLevel1Code" on page 2415

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.



CodeName	Name	Definition
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

#### 9.4.2.3.2 TMSIdentification <TMSId>

*Presence:* [0..1]

*Definition:* Identification of the host to contact for the maintenance.

*Datatype:* "Max35Text" on page 2426

#### 9.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

*Presence:* [0..1]

*Definition:* Date and time for calling the maintenance.

*Datatype:* "ISODateTime" on page 2420

### 9.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		685
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		686

#### 9.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).

CodeName	Name	Definition
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 9.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on [page 2344](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

# **10 caaa.009.001.08 AcceptorReconciliationRequestV08**

## **10.1 MessageDefinition Functionality**

The AcceptorReconciliationRequest message is sent by an acceptor (or its agent) to the acquirer (or its agent), to ensure that the debits and credits performed by the acceptor matches the computed balances of the acquirer for the debits and credits performed during the same reconciliation period.

If the acceptor or the acquirer notices a difference in totals, the discrepancy will be resolved by other means, outside the scope of the protocol.

### **Outline**

The AcceptorReconciliationRequestV08 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Reconciliation request message management information.
- B. ReconciliationRequest  
Information related to the reconciliation request.
- C. SecurityTrailer  
Trailer of the message containing a MAC.

## 10.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrRcncltnReq>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			693
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		694
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		695
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		695
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		695
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		695
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		695
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		696
	<b>Traceability</b> <Tracblt>	[0..*]	±		696
	<b>ReconciliationRequest</b> <RcncltnReq>	[1..1]			697
	<b>Environment</b> <Envt>	[1..1]			702
	<b>Acquirer</b> <Acqrr>	[0..1]	±		707
	<b>Merchant</b> <Mrchnt>	[0..1]			707
	<b>Identification</b> <Id>	[0..1]	±		707
	<b>CommonName</b> <CmonNm>	[0..1]	Text		708
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		708
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		708
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		709
	<b>POI</b> <POI>	[0..1]			709
	<b>Identification</b> <Id>	[1..1]	±		709
	<b>SystemName</b> <SysNm>	[0..1]	Text		710
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		710
	<b>Capabilities</b> <Cpblties>	[0..1]	±		710
	<b>TimeZone</b> <TmZone>	[0..1]	Text		711
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		711
	<b>Component</b> <Cmpnt>	[0..*]	±		712
	<b>Card</b> <Card>	[0..1]			714
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		715
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		715

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		715
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		716
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		716
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		716
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		716
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		716
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		717
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		717
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		717
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		717
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		717
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		717
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		718
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		718
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		718
	<b>Wallet</b> <Wlt>	[0..1]	±		718
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		718
	<b>Cardholder</b> <Crhdldr>	[0..1]			719
	<b>Identification</b> <Id>	[0..1]			723
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		723
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		723
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		724
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		724
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		724
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		724
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		724
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		724
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		724
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		724
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		725
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		725

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		725
	<b>Department</b> <Dept>	[0..1]	Text		725
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		725
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			725
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		725
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		726
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		726
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	726
	<b>Other</b> <Othr>	[0..*]	±		726
	<b>Name</b> <Nm>	[0..1]	Text		726
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	726
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		727
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		727
	<b>TripNumber</b> <TripNb>	[0..1]	Text		728
	<b>Vehicle</b> <Vhcl>	[0..1]	±		728
	<b>Authentication</b> <Authntcn>	[0..*]			729
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		731
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		732
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		733
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		733
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			733
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		733
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		734
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		734
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			734
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		735
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		735
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		735
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		736
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		736
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		736

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		736
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		736
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		736
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		736
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		736
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		737
	<b>JobNumber</b> <JobNb>	[0..1]	Text		737
	<b>Department</b> <Dept>	[0..1]	Text		737
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		737
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			737
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		737
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		737
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		738
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	738
	<b>Other</b> <Othr>	[0..*]	±		738
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			738
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		738
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		739
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		739
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		739
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		739
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			739
	<b>Identification</b> <Id>	[1..1]	Text		740
	<b>Value</b> <Val>	[0..1]	Binary		740
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		740
	<b>Type</b> <Tp>	[0..1]	Text		740
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			740
	<b>Method</b> <Mtd>	[1..1]	CodeSet		741
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		742
	<b>Result</b> <Rslt>	[0..1]	CodeSet		742
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		742

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		743
	<b>MobileData</b> <MobData>	[0..*]			743
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		743
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		743
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		744
	<b>Geolocation</b> <Glctn>	[0..1]			744
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			744
	<b>Latitude</b> <Lat>	[1..1]	Text		744
	<b>Longitude</b> <Long>	[1..1]	Text		744
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			745
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		745
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		745
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		745
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			745
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		746
	<b>IMSI</b> <IMSI>	[0..1]	Text		746
	<b>IMEI</b> <IMEI>	[0..1]	Text		746
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		746
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		746
	<b>Transaction</b> <Tx>	[1..1]			747
	<b>ClosePeriod</b> <ClsPrd>	[0..1]	Indicator		747
	<b>ReconciliationTransactionIdentification</b> <RcncltnTxId>	[1..1]	±		747
	<b>ReconciliationIdentification</b> <RcncltnId>	[1..1]	Text		748
	<b>TransactionTotals</b> <TxTtls>	[0..*]			748
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		748
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		748
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	748
	<b>Type</b> <Tp>	[1..1]	CodeSet		749
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		749
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		749
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..1]	Text		749



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			749
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		750
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		750

## 10.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### C2 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C3 ValidationByTable

Must be a valid terrestrial language.

## 10.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 10.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Reconciliation request message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		694
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		695
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		695
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntnr>	[0..1]	Text		695
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		695
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		695
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		696
	<b>Traceability</b> <Tracblt>	[0..*]	±		696

### 10.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.

CodeName	Name	Definition
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 10.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 10.4.1.3 ExchangeIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 10.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 10.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 10.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "[GenericIdentification176](#)" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 10.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 10.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "Traceability8" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

## 10.4.2 ReconciliationRequest <RcncltnReq>

*Presence:* [1..1]

*Definition:* Information related to the reconciliation request.

**ReconciliationRequest <RcncltnReq>** contains the following **AcceptorReconciliationRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]			702
	<b>Acquirer</b> <Acqrr>	[0..1]	±		707
	<b>Merchant</b> <Mrchnt>	[0..1]			707
	<b>Identification</b> <Id>	[0..1]	±		707
	<b>CommonName</b> <CmonNm>	[0..1]	Text		708
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		708
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		708
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		709
	<b>POI</b> <POI>	[0..1]			709
	<b>Identification</b> <Id>	[1..1]	±		709
	<b>SystemName</b> <SysNm>	[0..1]	Text		710
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		710
	<b>Capabilities</b> <Cpblties>	[0..1]	±		710
	<b>TimeZone</b> <TmZone>	[0..1]	Text		711
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		711
	<b>Component</b> <Cmpnt>	[0..*]	±		712
	<b>Card</b> <Card>	[0..1]			714
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		715
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		715
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		715
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		716
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		716
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		716
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		716
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		716
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		717
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		717
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		717
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		717
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		717

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		717
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		718
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		718
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		718
	<b>Wallet</b> <Wlt>	[0..1]	±		718
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		718
	<b>Cardholder</b> <Crhdldr>	[0..1]			719
	<b>Identification</b> <Id>	[0..1]			723
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		723
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		723
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		724
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		724
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		724
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		724
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		724
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		724
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		724
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		724
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		725
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		725
	<b>JobNumber</b> <JobNb>	[0..1]	Text		725
	<b>Department</b> <Dept>	[0..1]	Text		725
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		725
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			725
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		725
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		726
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		726
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	726
	<b>Other</b> <Othr>	[0..*]	±		726
	<b>Name</b> <Nm>	[0..1]	Text		726
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	726

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BlgAdr>	[0..1]	±		727
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		727
	<b>TripNumber</b> <TripNb>	[0..1]	Text		728
	<b>Vehicle</b> <Vhcl>	[0..1]	±		728
	<b>Authentication</b> <Authntcn>	[0..*]			729
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		731
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		732
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		733
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		733
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			733
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		733
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		734
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		734
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			734
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		735
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		735
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		735
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		736
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		736
	<b>SocialSecurityNumber</b> <ScIStyNb>	[0..1]	Text		736
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		736
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		736
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		736
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		736
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		736
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		737
	<b>JobNumber</b> <JobNb>	[0..1]	Text		737
	<b>Department</b> <Dept>	[0..1]	Text		737
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		737
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			737
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		737



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		737
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		738
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	738
	<b>Other</b> <Othr>	[0..*]	±		738
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			738
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		738
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		739
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		739
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		739
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		739
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			739
	<b>Identification</b> <Id>	[1..1]	Text		740
	<b>Value</b> <Val>	[0..1]	Binary		740
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		740
	<b>Type</b> <Tp>	[0..1]	Text		740
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			740
	<b>Method</b> <Mtd>	[1..1]	CodeSet		741
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		742
	<b>Result</b> <Rslt>	[0..1]	CodeSet		742
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		742
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		743
	<b>MobileData</b> <MobData>	[0..*]			743
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		743
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		743
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		744
	<b>Geolocation</b> <Glctn>	[0..1]			744
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			744
	<b>Latitude</b> <Lat>	[1..1]	Text		744
	<b>Longitude</b> <Long>	[1..1]	Text		744
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			745
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		745

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		745
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		745
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			745
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		746
	<b>IMSI</b> <IMSI>	[0..1]	Text		746
	<b>IMEI</b> <IMEI>	[0..1]	Text		746
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		746
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		746
	<b>Transaction</b> <Tx>	[1..1]			747
	<b>ClosePeriod</b> <ClsPrd>	[0..1]	Indicator		747
	<b>ReconciliationTransactionIdentification</b> <RcncltnTxId>	[1..1]	±		747
	<b>ReconciliationIdentification</b> <RcncltnId>	[1..1]	Text		748
	<b>TransactionTotals</b> <TxTtls>	[0..*]			748
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		748
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		748
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	748
	<b>Type</b> <Tp>	[1..1]	CodeSet		749
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		749
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		749
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..1]	Text		749

#### 10.4.2.1 Environment <Env>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		707
	<b>Merchant</b> <Mrchnt>	[0..1]			707
	<b>Identification</b> <Id>	[0..1]	±		707
	<b>CommonName</b> <CmonNm>	[0..1]	Text		708
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		708
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		708
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		709
	<b>POI</b> <POI>	[0..1]			709
	<b>Identification</b> <Id>	[1..1]	±		709
	<b>SystemName</b> <SysNm>	[0..1]	Text		710
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		710
	<b>Capabilities</b> <Cpblties>	[0..1]	±		710
	<b>TimeZone</b> <TmZone>	[0..1]	Text		711
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		711
	<b>Component</b> <Cmpnt>	[0..*]	±		712
	<b>Card</b> <Card>	[0..1]			714
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		715
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		715
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		715
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		716
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		716
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		716
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		716
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		716
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		717
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		717
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		717
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		717
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		717
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		717
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		718

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		718
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		718
	<b>Wallet</b> <Wlt>	[0..1]	±		718
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		718
	<b>Cardholder</b> <Crhdldr>	[0..1]			719
	<b>Identification</b> <Id>	[0..1]			723
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		723
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		723
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		724
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		724
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		724
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		724
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		724
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		724
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		724
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		724
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		725
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		725
	<b>JobNumber</b> <JobNb>	[0..1]	Text		725
	<b>Department</b> <Dept>	[0..1]	Text		725
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		725
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			725
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		725
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		726
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		726
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	726
	<b>Other</b> <Othr>	[0..*]	±		726
	<b>Name</b> <Nm>	[0..1]	Text		726
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	726
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		727
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		727

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		728
	<b>Vehicle</b> <Vhcl>	[0..1]	±		728
	<b>Authentication</b> <Authntcn>	[0..*]			729
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		731
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		732
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		733
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		733
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			733
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		733
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		734
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		734
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			734
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		735
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		735
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		735
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		736
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		736
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		736
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		736
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		736
	<b>TaxIdentificationNumber</b> <TaxldNb>	[0..1]	Text		736
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		736
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		736
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		737
	<b>JobNumber</b> <JobNb>	[0..1]	Text		737
	<b>Department</b> <Dept>	[0..1]	Text		737
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		737
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			737
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		737
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		737
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		738

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	738
	<b>Other</b> <Othr>	[0..*]	±		738
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			738
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		738
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		739
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		739
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		739
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		739
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			739
	<b>Identification</b> <Id>	[1..1]	Text		740
	<b>Value</b> <Val>	[0..1]	Binary		740
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		740
	<b>Type</b> <Tp>	[0..1]	Text		740
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			740
	<b>Method</b> <Mtd>	[1..1]	CodeSet		741
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		742
	<b>Result</b> <Rslt>	[0..1]	CodeSet		742
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		742
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		743
	<b>MobileData</b> <MobData>	[0..*]			743
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		743
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		743
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		744
	<b>Geolocation</b> <Glctn>	[0..1]			744
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			744
	<b>Latitude</b> <Lat>	[1..1]	Text		744
	<b>Longitude</b> <Long>	[1..1]	Text		744
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			745
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		745
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		745
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		745

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			745
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		746
	<b>IMSI</b> <IMSI>	[0..1]	Text		746
	<b>IMEI</b> <IMEI>	[0..1]	Text		746
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		746
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		746

#### 10.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 10.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		707
	<b>CommonName</b> <CmonNm>	[0..1]	Text		708
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		708
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		708
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		709

##### 10.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 10.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 10.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 10.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840



#### 10.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 10.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		709
	<b>SystemName</b> <SysNm>	[0..1]	Text		710
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		710
	<b>Capabilities</b> <Cpblties>	[0..1]	±		710
	<b>TimeZone</b> <TmZone>	[0..1]	Text		711
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		711
	<b>Component</b> <Cmpnt>	[0..*]	±		712

##### 10.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 10.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 10.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 10.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 10.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 10.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 10.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 10.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		715
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		715
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		715
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		716
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		716
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		716
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		716
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		716
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		717
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		717
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		717
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		717
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		717
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		717
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		718
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		718

#### 10.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 10.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 10.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 10.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 10.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 10.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 10.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 10.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423



#### 10.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 10.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 10.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 10.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 10.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 10.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 10.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 10.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			723
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		723
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		723
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		724
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		724
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		724
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		724
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		724
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		724
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		724
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		724
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		725
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		725
	<b>JobNumber</b> <JobNb>	[0..1]	Text		725
	<b>Department</b> <Dept>	[0..1]	Text		725
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		725
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			725
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		725
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		726
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		726
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	726
	<b>Other</b> <Othr>	[0..*]	±		726
	<b>Name</b> <Nm>	[0..1]	Text		726
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	726
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		727
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		727
	<b>TripNumber</b> <TripNb>	[0..1]	Text		728
	<b>Vehicle</b> <Vhcl>	[0..1]	±		728
	<b>Authentication</b> <Authntcn>	[0..*]			729
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		731
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		732

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		733
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		733
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			733
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		733
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		734
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		734
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			734
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		735
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		735
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		735
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		736
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		736
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		736
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		736
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		736
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		736
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		736
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		736
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		737
	<b>JobNumber</b> <JobNb>	[0..1]	Text		737
	<b>Department</b> <Dept>	[0..1]	Text		737
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		737
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			737
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		737
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		737
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		738
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	738
	<b>Other</b> <Othr>	[0..*]	±		738
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			738
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		738
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		739

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		739
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		739
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		739
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			739
	<b>Identification</b> <Id>	[1..1]	Text		740
	<b>Value</b> <Val>	[0..1]	Binary		740
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		740
	<b>Type</b> <Tp>	[0..1]	Text		740
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			740
	<b>Method</b> <Mtd>	[1..1]	CodeSet		741
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		742
	<b>Result</b> <Rslt>	[0..1]	CodeSet		742
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		742
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		743
	<b>MobileData</b> <MobData>	[0..*]			743
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		743
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		743
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		744
	<b>Geolocation</b> <Glctn>	[0..1]			744
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			744
	<b>Latitude</b> <Lat>	[1..1]	Text		744
	<b>Longitude</b> <Long>	[1..1]	Text		744
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			745
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		745
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		745
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		745
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			745
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		746
	<b>IMSI</b> <IMSI>	[0..1]	Text		746
	<b>IMEI</b> <IMEI>	[0..1]	Text		746
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		746

#### 10.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		723
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		723
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		724
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		724
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		724
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		724
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		724
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		724
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		724
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		724
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		725
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		725
	<b>JobNumber</b> <JobNb>	[0..1]	Text		725
	<b>Department</b> <Dept>	[0..1]	Text		725
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		725
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			725
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		725
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		726
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		726
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	726
	<b>Other</b> <Othr>	[0..*]	±		726

##### 10.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 10.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.1.6 SocialSecurityNumber <ScIscTyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426



#### 10.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 10.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		725
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		726
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		726
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	726

##### 10.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 10.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 10.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 10.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 10.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 10.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 10.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 10.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 10.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		731
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		732
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		733
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		733
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			733
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		733
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		734
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		734
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			734
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		735
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		735
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		735
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		736
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		736
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		736
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		736
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		736
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		736
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		736
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		736
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		737
	<b>JobNumber</b> <JobNb>	[0..1]	Text		737
	<b>Department</b> <Dept>	[0..1]	Text		737
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		737
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			737
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		737
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		737
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		738
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	738
	<b>Other</b> <Othr>	[0..*]	±		738
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			738

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		738
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		739
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		739
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		739
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		739
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			739
	<b>Identification</b> <Id>	[1..1]	Text		740
	<b>Value</b> <Val>	[0..1]	Binary		740
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		740
	<b>Type</b> <Tp>	[0..1]	Text		740

#### 10.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 10.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.



CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 10.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 10.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 10.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		733
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		734
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		734

##### 10.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 10.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 10.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber &lt;DrvrLicNb&gt;</b>	[0..1]	Text		735
	<b>DriverLicenseLocation &lt;DrvrLicLctn&gt;</b>	[0..1]	Text		735
	<b>DriverLicenseName &lt;DrvrLicNm&gt;</b>	[0..1]	Text		735
	<b>DriverIdentification &lt;DrvrId&gt;</b>	[0..1]	Text		736
	<b>CustomerNumber &lt;CstmrNb&gt;</b>	[0..1]	Text		736
	<b>SocialSecurityNumber &lt;ScI/SctyNb&gt;</b>	[0..1]	Text		736
	<b>AlienRegistrationNumber &lt;AlnRegnNb&gt;</b>	[0..1]	Text		736
	<b>PassportNumber &lt;PsptNb&gt;</b>	[0..1]	Text		736
	<b>TaxIdentificationNumber &lt;TaxIdNb&gt;</b>	[0..1]	Text		736
	<b>IdentityCardNumber &lt;IdntyCardNb&gt;</b>	[0..1]	Text		736
	<b>EmployerIdentificationNumber &lt;MplyrIdNb&gt;</b>	[0..1]	Text		736
	<b>EmployeeIdentificationNumber &lt;MplyeIdNb&gt;</b>	[0..1]	Text		737
	<b>JobNumber &lt;JobNb&gt;</b>	[0..1]	Text		737
	<b>Department &lt;Dept&gt;</b>	[0..1]	Text		737
	<b>EmailAddress &lt;EmailAdr&gt;</b>	[0..1]	Text		737
	<b>DateAndPlaceOfBirth &lt;DtAndPlcOfBirth&gt;</b>	[0..1]			737
	<b>BirthDate &lt;BirthDt&gt;</b>	[1..1]	Date		737
	<b>ProvinceOfBirth &lt;PrvcOfBirth&gt;</b>	[0..1]	Text		737
	<b>CityOfBirth &lt;CityOfBirth&gt;</b>	[1..1]	Text		738
	<b>CountryOfBirth &lt;CtryOfBirth&gt;</b>	[1..1]	CodeSet	C2	738
	<b>Other &lt;Othr&gt;</b>	[0..*]	±		738

#### 10.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **10.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 10.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		737
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		737
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		738
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	738

##### 10.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 10.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 10.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 10.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		738
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		739

#### 10.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 10.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 10.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 10.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		740
	<b>Value</b> <Val>	[0..1]	Binary		740
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		740
	<b>Type</b> <Tp>	[0..1]	Text		740

#### 10.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 10.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 10.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 10.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 10.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.



**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		741
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		742
	<b>Result</b> <RsIt>	[0..1]	CodeSet		742
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		742

#### 10.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 10.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 10.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 10.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 10.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 10.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		743
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		743
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		744
	<b>Geolocation</b> <Glctn>	[0..1]			744
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			744
	<b>Latitude</b> <Lat>	[1..1]	Text		744
	<b>Longitude</b> <Long>	[1..1]	Text		744
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			745
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		745
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		745
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		745
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			745
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		746
	<b>IMSI</b> <IMSI>	[0..1]	Text		746
	<b>IMEI</b> <IMEI>	[0..1]	Text		746
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		746

##### 10.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 10.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 10.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			744
	<b>Latitude</b> <Lat>	[1..1]	Text		744
	<b>Longitude</b> <Long>	[1..1]	Text		744
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			745
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		745
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		745
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		745

##### 10.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		744
	<b>Longitude</b> <Long>	[1..1]	Text		744

##### 10.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

##### 10.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		745
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		745
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		745

##### 10.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 10.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 10.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 10.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		746
	<b>IMSI</b> <IMSI>	[0..1]	Text		746
	<b>IMEI</b> <IMEI>	[0..1]	Text		746

#### 10.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 10.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 10.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 10.4.2.1.8.11.6 ProtectedMobileData <PrctcdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrctcdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 10.4.2.1.9 ProtectedCardholderData <PrctcdCrdhldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 10.4.2.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Reconciliation transaction between an acceptor an acquirer.

**Transaction <Tx>** contains the following **TransactionReconciliation4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClosePeriod <ClsPrd>	[0..1]	Indicator		747
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		747
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		748
	TransactionTotals <TxTtls>	[0..*]			748
	POIGroupIdentification <POIGrpld>	[0..1]	Text		748
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		748
	Currency <Ccy>	[0..1]	CodeSet	C1	748
	Type <Tp>	[1..1]	CodeSet		749
	TotalNumber <TtlNb>	[1..1]	Quantity		749
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		749
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		749

##### 10.4.2.2.1 ClosePeriod <ClsPrd>

*Presence:* [0..1]

*Definition:* Indicates if the transaction requires a closure of the reconciliation period.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

##### 10.4.2.2.2 ReconciliationTransactionIdentification <RcncltnTxId>

*Presence:* [1..1]

*Definition:* Unique identification of a reconciliation transaction.

**ReconciliationTransactionIdentification <RcncltnTxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 10.4.2.2.3 ReconciliationIdentification <RcncltnId>

*Presence:* [1..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 10.4.2.2.4 TransactionTotals <TxTtls>

*Presence:* [0..\*]

*Definition:* Transaction totals during the reconciliation period for a certain type of transaction.

**TransactionTotals <TxTtls>** contains the following **TransactionTotals7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		748
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		748
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	748
	<b>Type</b> <Tp>	[1..1]	CodeSet		749
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		749
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		749

##### 10.4.2.2.4.1 POIGroupIdentification <POIGrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

*Datatype:* "Max35Text" on page 2426

##### 10.4.2.2.4.2 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Category of cards related the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

##### 10.4.2.2.4.3 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction totals.

*Impacted by:* C1 "ActiveCurrency"



*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 10.4.2.2.4.4 Type <Tp>

*Presence:* [1..1]

*Definition:* Identification of the type of transaction.

*Datatype:* "TypeTransactionTotals2Code" on page 2417

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

#### 10.4.2.2.4.5 TotalNumber <TtlNb>

*Presence:* [1..1]

*Definition:* Total number of transactions during a reconciliation period.

*Datatype:* "Number" on page 2423

#### 10.4.2.2.4.6 CumulativeAmount <CmltvAmt>

*Presence:* [1..1]

*Definition:* Total amount of a collection of transactions.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 10.4.2.2.5 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..1]

*Definition:* Additional information related to the reconciliation transaction.

*Datatype:* "Max70Text" on page 2427

### 10.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		750
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		750

#### 10.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 10.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

# **11 caaa.010.001.07 AcceptorReconciliationResponseV07**

## **11.1 MessageDefinition Functionality**

The AcceptorReconciliationResponse message is sent by the acquirer (or its agent) to an acceptor (or its agent), to ensure that the debits and credits performed by the acceptor matches the computed balances of the acquirer for the debits and credits performed during the same reconciliation period.

If the acceptor or the acquirer notices a difference in totals, the discrepancy will be resolved by other means, outside the scope of the protocol.

### **Outline**

The AcceptorReconciliationResponseV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Reconciliation response message management information.
- B. ReconciliationResponse  
Information related to the reconciliation response.
- C. SecurityTrailer  
Trailer of the message containing a MAC.

## 11.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrRcncltnRspn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			757
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		758
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		759
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		759
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		759
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		760
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		760
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		760
	<b>Traceability</b> <Tracblt>	[0..*]	±		761
	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]			761
	<b>Environment</b> <Envt>	[1..1]			766
	<b>Acquirer</b> <Acqrr>	[0..1]	±		771
	<b>Merchant</b> <Mrchnt>	[0..1]			771
	<b>Identification</b> <Id>	[0..1]	±		771
	<b>CommonName</b> <CmonNm>	[0..1]	Text		772
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		772
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		772
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		773
	<b>POI</b> <POI>	[0..1]			773
	<b>Identification</b> <Id>	[1..1]	±		773
	<b>SystemName</b> <SysNm>	[0..1]	Text		774
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		774
	<b>Capabilities</b> <Cpblties>	[0..1]	±		774
	<b>TimeZone</b> <TmZone>	[0..1]	Text		775
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		775
	<b>Component</b> <Cmpnt>	[0..*]	±		776
	<b>Card</b> <Card>	[0..1]			778
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		779
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		779

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		779
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		780
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		780
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		780
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		780
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		780
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		781
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		781
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		781
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		781
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		781
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		781
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		782
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		782
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		782
	<b>Wallet</b> <Wlt>	[0..1]	±		782
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		782
	<b>Cardholder</b> <Crhdldr>	[0..1]			783
	<b>Identification</b> <Id>	[0..1]			787
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		787
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		787
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		788
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		788
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		788
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		788
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		788
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		788
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		788
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		788
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		789
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		789

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		789
	<b>Department</b> <Dept>	[0..1]	Text		789
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		789
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			789
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		789
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		790
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		790
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	790
	<b>Other</b> <Othr>	[0..*]	±		790
	<b>Name</b> <Nm>	[0..1]	Text		790
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	790
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		791
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		791
	<b>TripNumber</b> <TripNb>	[0..1]	Text		792
	<b>Vehicle</b> <Vhcl>	[0..1]	±		792
	<b>Authentication</b> <Authntcn>	[0..*]			793
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		795
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		796
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		797
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		797
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			797
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		797
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		798
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		798
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			798
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		799
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		799
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		799
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		800
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		800
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		800

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		800
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		800
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		800
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		800
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		800
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		801
	<b>JobNumber</b> <JobNb>	[0..1]	Text		801
	<b>Department</b> <Dept>	[0..1]	Text		801
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		801
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			801
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		801
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		801
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		802
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	802
	<b>Other</b> <Othr>	[0..*]	±		802
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			802
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		802
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		803
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		803
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		803
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		803
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			803
	<b>Identification</b> <Id>	[1..1]	Text		804
	<b>Value</b> <Val>	[0..1]	Binary		804
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		804
	<b>Type</b> <Tp>	[0..1]	Text		804
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			804
	<b>Method</b> <Mtd>	[1..1]	CodeSet		805
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		806
	<b>Result</b> <Rslt>	[0..1]	CodeSet		806
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		806

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		807
	<b>MobileData</b> <MobData>	[0..*]			807
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		807
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		807
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		808
	<b>Geolocation</b> <Glctr>	[0..1]			808
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			808
	<b>Latitude</b> <Lat>	[1..1]	Text		808
	<b>Longitude</b> <Long>	[1..1]	Text		808
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			809
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		809
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		809
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		809
	<b>SensitiveMobileData</b> <SnstvmobData>	[0..1]			809
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		810
	<b>IMSI</b> <IMSI>	[0..1]	Text		810
	<b>IMEI</b> <IMEI>	[0..1]	Text		810
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		810
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		810
	<b>TransactionResponse</b> <TxRspn>	[1..1]			811
	<b>Response</b> <Rspn>	[1..1]	CodeSet		811
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		811
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		811
	<b>Transaction</b> <Tx>	[1..1]			811
	<b>ClosePeriod</b> <ClsPrd>	[0..1]	Indicator		812
	<b>ReconciliationTransactionIdentification</b> <RcncltnTxId>	[1..1]	±		812
	<b>ReconciliationIdentification</b> <RcncltnId>	[1..1]	Text		812
	<b>TransactionTotals</b> <TxTtls>	[0..*]			813
	<b>POIGroupIdentification</b> <POIGrpld>	[0..1]	Text		813
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		813
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	813



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[1..1]	CodeSet		813
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		814
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		814
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..1]	Text		814
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			814
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		814
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		815

## 11.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### C2 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C3 ValidationByTable

Must be a valid terrestrial language.

## 11.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 11.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Reconciliation response message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		758
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		759
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		759
	<b>ReTransmissionCounter</b> <ReTrnsmssnCnt>	[0..1]	Text		759
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		760
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		760
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		760
	<b>Traceability</b> <Tracblt>	[0..*]	±		761

#### 11.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.

CodeName	Name	Definition
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 11.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 11.4.1.3 Exchangeldentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 11.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 11.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 11.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 11.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 11.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 11.4.2 ReconciliationResponse <RcncltnRspn>

*Presence:* [1..1]

*Definition:* Information related to the reconciliation response.

**ReconciliationResponse <RcncltnRspn>** contains the following **AcceptorReconciliationResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envnt>	[1..1]			766
	<b>Acquirer</b> <Acqrr>	[0..1]	±		771
	<b>Merchant</b> <Mrchnt>	[0..1]			771
	<b>Identification</b> <Id>	[0..1]	±		771
	<b>CommonName</b> <CmonNm>	[0..1]	Text		772
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		772
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		772
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		773
	<b>POI</b> <POI>	[0..1]			773
	<b>Identification</b> <Id>	[1..1]	±		773
	<b>SystemName</b> <SysNm>	[0..1]	Text		774
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		774
	<b>Capabilities</b> <Cpblties>	[0..1]	±		774
	<b>TimeZone</b> <TmZone>	[0..1]	Text		775
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		775
	<b>Component</b> <Cmpnt>	[0..*]	±		776
	<b>Card</b> <Card>	[0..1]			778
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		779
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		779
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		779
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		780
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		780
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		780
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		780
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		780
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		781
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		781
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		781
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		781
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		781

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		781
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		782
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		782
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		782
	<b>Wallet</b> <Wlt>	[0..1]	±		782
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		782
	<b>Cardholder</b> <Crhdldr>	[0..1]			783
	<b>Identification</b> <Id>	[0..1]			787
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		787
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		787
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		788
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		788
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		788
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		788
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		788
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		788
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		788
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		788
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		789
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		789
	<b>JobNumber</b> <JobNb>	[0..1]	Text		789
	<b>Department</b> <Dept>	[0..1]	Text		789
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		789
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			789
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		789
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		790
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		790
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	790
	<b>Other</b> <Othr>	[0..*]	±		790
	<b>Name</b> <Nm>	[0..1]	Text		790
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	790

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BlgAdr>	[0..1]	±		791
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		791
	<b>TripNumber</b> <TripNb>	[0..1]	Text		792
	<b>Vehicle</b> <Vhcl>	[0..1]	±		792
	<b>Authentication</b> <Authntcn>	[0..*]			793
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		795
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		796
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		797
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		797
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			797
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		797
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		798
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		798
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			798
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		799
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		799
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		799
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		800
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		800
	<b>SocialSecurityNumber</b> <ScIStyNb>	[0..1]	Text		800
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		800
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		800
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		800
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		800
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		800
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		801
	<b>JobNumber</b> <JobNb>	[0..1]	Text		801
	<b>Department</b> <Dept>	[0..1]	Text		801
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		801
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			801
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		801



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		801
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		802
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	802
	<b>Other</b> <Othr>	[0..*]	±		802
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			802
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		802
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		803
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		803
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		803
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		803
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			803
	<b>Identification</b> <Id>	[1..1]	Text		804
	<b>Value</b> <Val>	[0..1]	Binary		804
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		804
	<b>Type</b> <Tp>	[0..1]	Text		804
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			804
	<b>Method</b> <Mtd>	[1..1]	CodeSet		805
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		806
	<b>Result</b> <Rslt>	[0..1]	CodeSet		806
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		806
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		807
	<b>MobileData</b> <MobData>	[0..*]			807
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		807
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		807
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		808
	<b>Geolocation</b> <Glctn>	[0..1]			808
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			808
	<b>Latitude</b> <Lat>	[1..1]	Text		808
	<b>Longitude</b> <Long>	[1..1]	Text		808
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			809
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		809

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		809
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		809
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			809
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		810
	<b>IMSI</b> <IMSI>	[0..1]	Text		810
	<b>IMEI</b> <IMEI>	[0..1]	Text		810
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		810
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		810
	<b>TransactionResponse</b> <TxRspn>	[1..1]			811
	<b>Response</b> <Rspn>	[1..1]	CodeSet		811
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		811
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		811
	<b>Transaction</b> <Tx>	[1..1]			811
	<b>ClosePeriod</b> <ClsPrd>	[0..1]	Indicator		812
	<b>ReconciliationTransactionIdentification</b> <RcncltnTxId>	[1..1]	±		812
	<b>ReconciliationIdentification</b> <RcncltnId>	[1..1]	Text		812
	<b>TransactionTotals</b> <TxTtls>	[0..*]			813
	<b>POIGroupIdentification</b> <POIGrpld>	[0..1]	Text		813
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		813
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	813
	<b>Type</b> <Tp>	[1..1]	CodeSet		813
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		814
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		814
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..1]	Text		814

#### 11.4.2.1 Environment <Env>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Env>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		771
	<b>Merchant</b> <Mrchnt>	[0..1]			771
	<b>Identification</b> <Id>	[0..1]	±		771
	<b>CommonName</b> <CmonNm>	[0..1]	Text		772
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		772
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		772
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		773
	<b>POI</b> <POI>	[0..1]			773
	<b>Identification</b> <Id>	[1..1]	±		773
	<b>SystemName</b> <SysNm>	[0..1]	Text		774
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		774
	<b>Capabilities</b> <Cpblties>	[0..1]	±		774
	<b>TimeZone</b> <TmZone>	[0..1]	Text		775
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		775
	<b>Component</b> <Cmpnt>	[0..*]	±		776
	<b>Card</b> <Card>	[0..1]			778
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		779
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		779
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		779
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		780
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		780
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		780
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		780
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		780
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		781
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		781
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		781
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		781
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		781
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		781
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		782

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		782
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		782
	<b>Wallet</b> <Wlt>	[0..1]	±		782
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		782
	<b>Cardholder</b> <Crhdldr>	[0..1]			783
	<b>Identification</b> <Id>	[0..1]			787
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		787
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		787
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		788
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		788
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		788
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		788
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		788
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		788
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		788
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		788
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		789
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		789
	<b>JobNumber</b> <JobNb>	[0..1]	Text		789
	<b>Department</b> <Dept>	[0..1]	Text		789
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		789
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			789
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		789
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		790
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		790
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	790
	<b>Other</b> <Othr>	[0..*]	±		790
	<b>Name</b> <Nm>	[0..1]	Text		790
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	790
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		791
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		791

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		792
	<b>Vehicle</b> <Vhcl>	[0..1]	±		792
	<b>Authentication</b> <Authntcn>	[0..*]			793
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		795
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		796
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		797
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		797
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			797
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		797
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		798
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		798
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			798
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		799
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		799
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		799
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		800
	<b>CustomerNumber</b> <CstmnrNb>	[0..1]	Text		800
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		800
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		800
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		800
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		800
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		800
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		800
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		801
	<b>JobNumber</b> <JobNb>	[0..1]	Text		801
	<b>Department</b> <Dept>	[0..1]	Text		801
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		801
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			801
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		801
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		801
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		802

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	802
	<b>Other</b> <Othr>	[0..*]	±		802
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			802
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		802
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		803
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		803
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		803
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		803
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			803
	<b>Identification</b> <Id>	[1..1]	Text		804
	<b>Value</b> <Val>	[0..1]	Binary		804
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		804
	<b>Type</b> <Tp>	[0..1]	Text		804
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			804
	<b>Method</b> <Mtd>	[1..1]	CodeSet		805
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		806
	<b>Result</b> <Rslt>	[0..1]	CodeSet		806
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		806
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		807
	<b>MobileData</b> <MobData>	[0..*]			807
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		807
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		807
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		808
	<b>Geolocation</b> <Glctn>	[0..1]			808
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			808
	<b>Latitude</b> <Lat>	[1..1]	Text		808
	<b>Longitude</b> <Long>	[1..1]	Text		808
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			809
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		809
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		809
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		809

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			809
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		810
	<b>IMSI</b> <IMSI>	[0..1]	Text		810
	<b>IMEI</b> <IMEI>	[0..1]	Text		810
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		810
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		810

#### 11.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 11.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		771
	<b>CommonName</b> <CmonNm>	[0..1]	Text		772
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		772
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		772
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		773

##### 11.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 11.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 11.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 11.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840



#### 11.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 11.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		773
	<b>SystemName</b> <SysNm>	[0..1]	Text		774
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		774
	<b>Capabilities</b> <Cpblties>	[0..1]	±		774
	<b>TimeZone</b> <TmZone>	[0..1]	Text		775
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		775
	<b>Component</b> <Cmpnt>	[0..*]	±		776

##### 11.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 11.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 11.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 11.4.2.1.3.4 Capabilities <Cpbilities>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrpLngth>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 11.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 11.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 11.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 11.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		779
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		779
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		779
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		780
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		780
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		780
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		780
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		780
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		781
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		781
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		781
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		781
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		781
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		781
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		782
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		782

#### 11.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 11.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 11.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 11.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 11.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 11.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 11.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 11.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423



#### 11.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 11.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 11.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 11.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 11.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 11.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 11.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 11.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			787
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		787
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		787
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		788
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		788
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		788
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		788
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		788
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		788
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		788
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		788
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		789
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		789
	<b>JobNumber</b> <JobNb>	[0..1]	Text		789
	<b>Department</b> <Dept>	[0..1]	Text		789
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		789
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			789
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		789
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		790
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		790
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	790
	<b>Other</b> <Othr>	[0..*]	±		790
	<b>Name</b> <Nm>	[0..1]	Text		790
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	790
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		791
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		791
	<b>TripNumber</b> <TripNb>	[0..1]	Text		792
	<b>Vehicle</b> <Vhcl>	[0..1]	±		792
	<b>Authentication</b> <Authntcn>	[0..*]			793
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		795
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		796

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		797
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		797
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			797
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		797
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		798
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		798
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			798
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		799
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		799
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		799
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		800
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		800
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		800
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		800
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		800
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		800
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		800
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		800
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		801
	<b>JobNumber</b> <JobNb>	[0..1]	Text		801
	<b>Department</b> <Dept>	[0..1]	Text		801
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		801
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			801
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		801
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		801
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		802
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	802
	<b>Other</b> <Othr>	[0..*]	±		802
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			802
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		802
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		803

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		803
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		803
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		803
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			803
	<b>Identification</b> <Id>	[1..1]	Text		804
	<b>Value</b> <Val>	[0..1]	Binary		804
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		804
	<b>Type</b> <Tp>	[0..1]	Text		804
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			804
	<b>Method</b> <Mtd>	[1..1]	CodeSet		805
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		806
	<b>Result</b> <Rslt>	[0..1]	CodeSet		806
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		806
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		807
	<b>MobileData</b> <MobData>	[0..*]			807
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		807
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		807
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		808
	<b>Geolocation</b> <Glctn>	[0..1]			808
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			808
	<b>Latitude</b> <Lat>	[1..1]	Text		808
	<b>Longitude</b> <Long>	[1..1]	Text		808
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			809
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		809
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		809
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		809
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			809
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		810
	<b>IMSI</b> <IMSI>	[0..1]	Text		810
	<b>IMEI</b> <IMEI>	[0..1]	Text		810
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		810

#### 11.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		787
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		787
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		788
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		788
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		788
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		788
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		788
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		788
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		788
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		788
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		789
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		789
	<b>JobNumber</b> <JobNb>	[0..1]	Text		789
	<b>Department</b> <Dept>	[0..1]	Text		789
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		789
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			789
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		789
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		790
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		790
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	790
	<b>Other</b> <Othr>	[0..*]	±		790

##### 11.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 11.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.1.6 SocialSecurityNumber <ScI SctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426



#### 11.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 11.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		789
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		790
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		790
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	790

##### 11.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 11.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 11.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 11.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 11.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 11.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 11.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 11.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 11.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		795
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		796
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		797
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		797
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			797
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		797
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		798
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		798
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			798
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		799
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		799
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		799
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		800
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		800
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		800
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		800
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		800
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		800
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		800
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		800
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		801
	<b>JobNumber</b> <JobNb>	[0..1]	Text		801
	<b>Department</b> <Dept>	[0..1]	Text		801
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		801
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			801
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		801
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		801
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		802
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	802
	<b>Other</b> <Othr>	[0..*]	±		802
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			802

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		802
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		803
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		803
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		803
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		803
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			803
	<b>Identification</b> <Id>	[1..1]	Text		804
	<b>Value</b> <Val>	[0..1]	Binary		804
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		804
	<b>Type</b> <Tp>	[0..1]	Text		804

#### 11.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 11.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.



CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 11.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 11.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 11.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		797
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		798
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		798

##### 11.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 11.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 11.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.8.6 CardholderIdentification <Crdhldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		799
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		799
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		799
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		800
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		800
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		800
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		800
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		800
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		800
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		800
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		800
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		801
	<b>JobNumber</b> <JobNb>	[0..1]	Text		801
	<b>Department</b> <Dept>	[0..1]	Text		801
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		801
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			801
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		801
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		801
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		802
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	802
	<b>Other</b> <Othr>	[0..*]	±		802

#### 11.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **11.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 11.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		801
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		801
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		802
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	802

##### 11.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 11.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 11.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 11.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		802
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		803

#### 11.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 11.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 11.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 11.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		804
	<b>Value</b> <Val>	[0..1]	Binary		804
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		804
	<b>Type</b> <Tp>	[0..1]	Text		804

#### 11.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 11.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 11.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 11.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 11.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRsIt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.



**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		805
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		806
	<b>Result</b> <RsIt>	[0..1]	CodeSet		806
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		806

#### 11.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 11.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 11.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 11.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 11.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 11.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		807
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		807
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		808
	<b>Geolocation</b> <Glctn>	[0..1]			808
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			808
	<b>Latitude</b> <Lat>	[1..1]	Text		808
	<b>Longitude</b> <Long>	[1..1]	Text		808
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			809
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		809
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		809
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		809
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			809
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		810
	<b>IMSI</b> <IMSI>	[0..1]	Text		810
	<b>IMEI</b> <IMEI>	[0..1]	Text		810
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		810

##### 11.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 11.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 11.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			808
	<b>Latitude</b> <Lat>	[1..1]	Text		808
	<b>Longitude</b> <Long>	[1..1]	Text		808
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			809
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		809
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		809
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		809

#### 11.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		808
	<b>Longitude</b> <Long>	[1..1]	Text		808

#### 11.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 11.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		809
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		809
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		809

##### 11.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 11.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 11.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 11.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		810
	<b>IMSI</b> <IMSI>	[0..1]	Text		810
	<b>IMEI</b> <IMEI>	[0..1]	Text		810

#### 11.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 11.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 11.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 11.4.2.1.8.11.6 ProtectedMobileData <PrctcdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrctcdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 11.4.2.1.9 ProtectedCardholderData <PrctcdCrdhldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 11.4.2.2 TransactionResponse <TxRspn>

*Presence:* [1..1]

*Definition:* Response from the acquirer to the reconciliation transaction.

**TransactionResponse <TxRspn>** contains the following **ResponseType5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		811
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		811
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		811

##### 11.4.2.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response4Code" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

##### 11.4.2.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

##### 11.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

#### 11.4.2.3 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Reconciliation transaction between an acceptor an acquirer.

**Transaction <Tx>** contains the following **TransactionReconciliation4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ClosePeriod</b> <ClsPrd>	[0..1]	Indicator		812
	<b>ReconciliationTransactionIdentification</b> <RcncltnTxId>	[1..1]	±		812
	<b>ReconciliationIdentification</b> <RcncltnId>	[1..1]	Text		812
	<b>TransactionTotals</b> <TxTtls>	[0..*]			813
	<b>POIGroupIdentification</b> <POIGrpld>	[0..1]	Text		813
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		813
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	813
	<b>Type</b> <Tp>	[1..1]	CodeSet		813
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		814
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		814
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..1]	Text		814

#### 11.4.2.3.1 ClosePeriod <ClsPrd>

*Presence:* [0..1]

*Definition:* Indicates if the transaction requires a closure of the reconciliation period.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 11.4.2.3.2 ReconciliationTransactionIdentification <RcncltnTxId>

*Presence:* [1..1]

*Definition:* Unique identification of a reconciliation transaction.

**ReconciliationTransactionIdentification <RcncltnTxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 11.4.2.3.3 ReconciliationIdentification <RcncltnId>

*Presence:* [1..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer.

*Datatype:* "Max35Text" on page 2426



#### 11.4.2.3.4 TransactionTotals <TxTtls>

*Presence:* [0..\*]

*Definition:* Transaction totals during the reconciliation period for a certain type of transaction.

**TransactionTotals <TxTtls>** contains the following **TransactionTotals7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		813
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		813
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	813
	<b>Type</b> <Tp>	[1..1]	CodeSet		813
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		814
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		814

##### 11.4.2.3.4.1 POIGroupIdentification <POIGrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

*Datatype:* "Max35Text" on page 2426

##### 11.4.2.3.4.2 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Category of cards related the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

##### 11.4.2.3.4.3 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction totals.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

##### 11.4.2.3.4.4 Type <Tp>

*Presence:* [1..1]

*Definition:* Identification of the type of transaction.

*Datatype:* "TypeTransactionTotals2Code" on page 2417

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

#### 11.4.2.3.4.5 TotalNumber <TtlNb>

*Presence:* [1..1]

*Definition:* Total number of transactions during a reconciliation period.

*Datatype:* "Number" on page 2423

#### 11.4.2.3.4.6 CumulativeAmount <CmltvAmt>

*Presence:* [1..1]

*Definition:* Total amount of a collection of transactions.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 11.4.2.3.5 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..1]

*Definition:* Additional information related to the reconciliation transaction.

*Datatype:* "Max70Text" on page 2427

### 11.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		814
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		815

#### 11.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 11.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "AuthenticatedData6" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

## **12       caaa.011.001.09           AcceptorBatchTransferV09**

### **12.1    MessageDefinition Functionality**

The AcceptorBatchTransfer is sent by an acceptor (or its agent) to transfer the financial data of a collection of transactions to the acquirer (or its agent).

#### Outline

The AcceptorBatchTransferV09 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
    Batch capture message management information.
- B. BatchTransfer  
    Card payment transactions from one or several data set of transactions.
- C. SecurityTrailer  
    Trailer of the message containing a MAC or a digital signature.

## 12.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrBtchTrf>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			823
	<b>DownloadTransfer</b> <DwnldTrf>	[1..1]	Indicator		823
	<b>FormatVersion</b> <FrmtVrsn>	[1..1]	Text		824
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		824
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		824
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		824
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		824
	<b>BatchTransfer</b> <BtchTrf>	[1..1]			825
	<b>TransactionTotals</b> <TxTtls>	[0..*]			831
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		831
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		831
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	832
	<b>Type</b> <Tp>	[1..1]	CodeSet		832
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		832
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		832
	<b>DataSet</b> <DataSet>	[0..*]			832
	<b>DataSetIdentification</b> <DataSetId>	[1..1]			839
	<b>Name</b> <Nm>	[1..1]	Text		839
	<b>Type</b> <Tp>	[1..1]	CodeSet		839
	<b>Version</b> <Vrsn>	[0..1]	Text		840
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		840
	<b>Traceability</b> <Tracblt>	[0..*]	±		840
	<b>DataSetInitiator</b> <DataSetInitr>	[0..1]	±		840
	<b>TransactionTotals</b> <TxTtls>	[1..*]			841
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		841
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		841
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	841
	<b>Type</b> <Tp>	[1..1]	CodeSet		842
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		842

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		842
	<b>CommonData</b> <CmonData>	[0..1]			842
	<b>Environment</b> <Envnt>	[0..1]			847
	<b>Acquirer</b> <Acqrr>	[0..1]	±		852
	<b>Merchant</b> <Mrchnt>	[0..1]			852
	<b>Identification</b> <Id>	[0..1]	±		852
	<b>CommonName</b> <CmonNm>	[0..1]	Text		853
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		853
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		853
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		854
	<b>POI</b> <POI>	[0..1]			854
	<b>Identification</b> <Id>	[1..1]	±		854
	<b>SystemName</b> <SysNm>	[0..1]	Text		855
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		855
	<b>Capabilities</b> <Cpblties>	[0..1]	±		855
	<b>TimeZone</b> <TmZone>	[0..1]	Text		856
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		856
	<b>Component</b> <Cmpnt>	[0..*]	±		857
	<b>Card</b> <Card>	[0..1]			859
	<b>ProtectedCardData</b> <PrctcdCardData>	[0..1]	±		860
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		860
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		860
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		861
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		861
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		861
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		861
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		861
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		862
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		862
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		862
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		862

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		862
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		862
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		863
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		863
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		863
	<b>Wallet</b> <Wlt>	[0..1]	±		863
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		863
	<b>Cardholder</b> <Crhdldr>	[0..1]			864
	<b>Identification</b> <Id>	[0..1]			868
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		868
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		868
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		869
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		869
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		869
	<b>SocialSecurityNumber</b> <ScsSctyNb>	[0..1]	Text		869
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		869
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		869
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		869
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		869
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		870
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		870
	<b>JobNumber</b> <JobNb>	[0..1]	Text		870
	<b>Department</b> <Dept>	[0..1]	Text		870
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		870
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			870
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		870
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		871
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		871
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	871
	<b>Other</b> <Othr>	[0..*]	±		871
	<b>Name</b> <Nm>	[0..1]	Text		871

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Language</b> <Lang>	[0..1]	CodeSet	C6	871
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		872
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		872
	<b>TripNumber</b> <TripNb>	[0..1]	Text		873
	<b>Vehicle</b> <Vhcl>	[0..1]	±		873
	<b>Authentication</b> <Authntcn>	[0..*]			874
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		876
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		877
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		878
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		878
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			878
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		878
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		879
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		879
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			879
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		880
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		880
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		880
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		881
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		881
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		881
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		881
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		881
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		881
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		881
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		881
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		882
	<b>JobNumber</b> <JobNb>	[0..1]	Text		882
	<b>Department</b> <Dept>	[0..1]	Text		882
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		882
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			882



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		882
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		882
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		883
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	883
	<b>Other</b> <Othr>	[0..*]	±		883
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			883
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		883
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		884
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		884
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		884
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		884
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			884
	<b>Identification</b> <Id>	[1..1]	Text		885
	<b>Value</b> <Val>	[0..1]	Binary		885
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		885
	<b>Type</b> <Tp>	[0..1]	Text		885
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			885
	<b>Method</b> <Mtd>	[1..1]	CodeSet		886
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		887
	<b>Result</b> <Rslt>	[0..1]	CodeSet		887
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		887
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		888
	<b>MobileData</b> <MobData>	[0..*]			888
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		888
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		888
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		889
	<b>Geolocation</b> <Glctn>	[0..1]			889
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			889
	<b>Latitude</b> <Lat>	[1..1]	Text		889
	<b>Longitude</b> <Long>	[1..1]	Text		889
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			890

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		890
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		890
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		890
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			890
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		891
	<b>IMSI</b> <IMSI>	[0..1]	Text		891
	<b>IMEI</b> <IMEI>	[0..1]	Text		891
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		891
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		891
	<b>Context</b> <Cntxt>	[0..1]	±		892
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		895
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		895
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		896
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		896
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		896
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	897
	<b>Transaction</b> <Tx>	[1..*]			897
{Or	<b>Completion</b> <Cmpltn>	[1..1]	±		897
Or	<b>Cancellation</b> <Cxl>	[1..1]	±		906
Or	<b>AuthorisationRequest</b> <AuthstnReq>	[1..1]	±		912
Or}	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	±		920
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			930
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		930
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		931

## 12.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

## C2 AnyBIC

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

## C3 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

## C4 IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

## C5 IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

## C6 ValidationByTable

Must be a valid terrestrial language.

## C7 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

# 12.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

## 12.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Batch capture message management information.

**Header <Hdr>** contains the following **Header56** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DownloadTransfer</b> <DwnldTrf>	[1..1]	Indicator		823
	<b>FormatVersion</b> <FrmtVrsn>	[1..1]	Text		824
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		824
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		824
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		824
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		824

### 12.4.1.1 DownloadTransfer <DwnldTrf>

*Presence:* [1..1]

*Definition:* Indicates if the file transfer is a download or an upload.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 12.4.1.2 FormatVersion <FrmtVrsn>

*Presence:* [1..1]

*Definition:* Version of file format.

*Datatype:* ["Max6Text"](#) on page 2427

#### 12.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* ["Number"](#) on page 2423

#### 12.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the file or message was created.

*Datatype:* ["ISODateTime"](#) on page 2420

#### 12.4.1.5 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see ["GenericIdentification176"](#) on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 12.4.1.6 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

## 12.4.2 BatchTransfer <BtchTrf>

*Presence:* [1..1]

*Definition:* Card payment transactions from one or several data set of transactions.

**BatchTransfer <BtchTrf>** contains the following **CardPaymentBatchTransfer8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionTotals</b> <TxTtls>	[0..*]			831
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		831
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		831
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	832
	<b>Type</b> <Tp>	[1..1]	CodeSet		832
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		832
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		832
	<b>DataSet</b> <DataSet>	[0..*]			832
	<b>DataSetIdentification</b> <DataSetId>	[1..1]			839
	<b>Name</b> <Nm>	[1..1]	Text		839
	<b>Type</b> <Tp>	[1..1]	CodeSet		839
	<b>Version</b> <Vrsn>	[0..1]	Text		840
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		840
	<b>Traceability</b> <Tracblt>	[0..*]	±		840
	<b>DataSetInitiator</b> <DataSetInitr>	[0..1]	±		840
	<b>TransactionTotals</b> <TxTtls>	[1..*]			841
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		841
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		841
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	841
	<b>Type</b> <Tp>	[1..1]	CodeSet		842
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		842
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		842
	<b>CommonData</b> <CmonData>	[0..1]			842
	<b>Environment</b> <Envt>	[0..1]			847
	<b>Acquirer</b> <Acqrr>	[0..1]	±		852
	<b>Merchant</b> <Mrchnt>	[0..1]			852
	<b>Identification</b> <Id>	[0..1]	±		852
	<b>CommonName</b> <CmonNm>	[0..1]	Text		853
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		853
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		853
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		854

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POI</b> <POI>	[0..1]			854
	<b>Identification</b> <Id>	[1..1]	±		854
	<b>SystemName</b> <SysNm>	[0..1]	Text		855
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		855
	<b>Capabilities</b> <Cpblties>	[0..1]	±		855
	<b>TimeZone</b> <TmZone>	[0..1]	Text		856
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		856
	<b>Component</b> <Cmpnt>	[0..*]	±		857
	<b>Card</b> <Card>	[0..1]			859
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		860
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		860
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		860
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		861
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		861
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		861
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		861
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		861
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		862
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		862
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		862
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		862
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		862
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		862
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		863
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		863
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		863
	<b>Wallet</b> <Wlt>	[0..1]	±		863
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		863
	<b>Cardholder</b> <Crdhldr>	[0..1]			864
	<b>Identification</b> <Id>	[0..1]			868
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		868

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		868
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		869
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		869
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		869
	<b>SocialSecurityNumber</b> <ScsSctyNb>	[0..1]	Text		869
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		869
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		869
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		869
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		869
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		870
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		870
	<b>JobNumber</b> <JobNb>	[0..1]	Text		870
	<b>Department</b> <Dept>	[0..1]	Text		870
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		870
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			870
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		870
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		871
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		871
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	871
	<b>Other</b> <Othr>	[0..*]	±		871
	<b>Name</b> <Nm>	[0..1]	Text		871
	<b>Language</b> <Lang>	[0..1]	CodeSet	C6	871
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		872
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		872
	<b>TripNumber</b> <TripNb>	[0..1]	Text		873
	<b>Vehicle</b> <Vhcl>	[0..1]	±		873
	<b>Authentication</b> <Authntcn>	[0..*]			874
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		876
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		877
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		878
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		878



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			878
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		878
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		879
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		879
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			879
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		880
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		880
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		880
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		881
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		881
	<b>SocialSecurityNumber</b> <ScIScyNb>	[0..1]	Text		881
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		881
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		881
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		881
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		881
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		881
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		882
	<b>JobNumber</b> <JobNb>	[0..1]	Text		882
	<b>Department</b> <Dept>	[0..1]	Text		882
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		882
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			882
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		882
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		882
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		883
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	883
	<b>Other</b> <Othr>	[0..*]	±		883
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			883
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		883
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		884
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		884
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		884

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		884
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			884
	<b>Identification</b> <Id>	[1..1]	Text		885
	<b>Value</b> <Val>	[0..1]	Binary		885
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		885
	<b>Type</b> <Tp>	[0..1]	Text		885
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			885
	<b>Method</b> <Mtd>	[1..1]	CodeSet		886
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		887
	<b>Result</b> <Rslt>	[0..1]	CodeSet		887
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		887
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		888
	<b>MobileData</b> <MobData>	[0..*]			888
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		888
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		888
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		889
	<b>Geolocation</b> <Glctn>	[0..1]			889
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			889
	<b>Latitude</b> <Lat>	[1..1]	Text		889
	<b>Longitude</b> <Long>	[1..1]	Text		889
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			890
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		890
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		890
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		890
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			890
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		891
	<b>IMSI</b> <IMSI>	[0..1]	Text		891
	<b>IMEI</b> <IMEI>	[0..1]	Text		891
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		891
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		891
	<b>Context</b> <Cntxt>	[0..1]	±		892

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		895
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		895
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		896
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		896
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		896
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	897
	<b>Transaction</b> <Tx>	[1..*]			897
{Or	<b>Completion</b> <Cmpltn>	[1..1]	±		897
Or	<b>Cancellation</b> <Cxl>	[1..1]	±		906
Or	<b>AuthorisationRequest</b> <AuthstnReq>	[1..1]	±		912
Or}	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	±		920

#### 12.4.2.1 TransactionTotals <TxTtls>

*Presence:* [0..\*]

*Definition:* Totals of transactions of all the data sets.

**TransactionTotals <TxTtls>** contains the following **TransactionTotals7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		831
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		831
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	832
	<b>Type</b> <Tp>	[1..1]	CodeSet		832
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		832
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		832

##### 12.4.2.1.1 POIGroupIdentification <POIGrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

*Datatype:* "Max35Text" on page 2426

##### 12.4.2.1.2 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Category of cards related the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

### 12.4.2.1.3 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction totals.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### 12.4.2.1.4 Type <Tp>

*Presence:* [1..1]

*Definition:* Identification of the type of transaction.

*Datatype:* "TypeTransactionTotals2Code" on page 2417

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

### 12.4.2.1.5 TotalNumber <TtINb>

*Presence:* [1..1]

*Definition:* Total number of transactions during a reconciliation period.

*Datatype:* "Number" on page 2423

### 12.4.2.1.6 CumulativeAmount <CmltvAmt>

*Presence:* [1..1]

*Definition:* Total amount of a collection of transactions.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 12.4.2.2 DataSet <DataSet>

*Presence:* [0..\*]

*Definition:* Card payment transactions from one data set of transactions.

**DataSet** <DataSet> contains the following **CardPaymentDataSet23** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DataSetIdentification</b> <DataSetId>	[1..1]			839
	<b>Name</b> <Nm>	[1..1]	Text		839
	<b>Type</b> <Tp>	[1..1]	CodeSet		839
	<b>Version</b> <Vrsn>	[0..1]	Text		840
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		840
	<b>Traceability</b> <Tracblt>	[0..*]	±		840
	<b>DataSetInitiator</b> <DataSetInitr>	[0..1]	±		840
	<b>TransactionTotals</b> <TxTtls>	[1..*]			841
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		841
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		841
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	841
	<b>Type</b> <Tp>	[1..1]	CodeSet		842
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		842
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		842
	<b>CommonData</b> <CmonData>	[0..1]			842
	<b>Environment</b> <Envnt>	[0..1]			847
	<b>Acquirer</b> <Acqrr>	[0..1]	±		852
	<b>Merchant</b> <Mrchnt>	[0..1]			852
	<b>Identification</b> <Id>	[0..1]	±		852
	<b>CommonName</b> <CmonNm>	[0..1]	Text		853
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		853
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		853
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		854
	<b>POI</b> <POI>	[0..1]			854
	<b>Identification</b> <Id>	[1..1]	±		854
	<b>SystemName</b> <SysNm>	[0..1]	Text		855
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		855
	<b>Capabilities</b> <Cpblties>	[0..1]	±		855
	<b>TimeZone</b> <TmZone>	[0..1]	Text		856
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		856
	<b>Component</b> <Cmpnt>	[0..*]	±		857

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Card</b> <Card>	[0..1]			859
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		860
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		860
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		860
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		861
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		861
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		861
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		861
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		861
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		862
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		862
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		862
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		862
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		862
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		862
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		863
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		863
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		863
	<b>Wallet</b> <Wlt>	[0..1]	±		863
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		863
	<b>Cardholder</b> <Crdhldr>	[0..1]			864
	<b>Identification</b> <Id>	[0..1]			868
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		868
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		868
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		869
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		869
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		869
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		869
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		869
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		869
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		869

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		869
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		870
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		870
	<b>JobNumber</b> <JobNb>	[0..1]	Text		870
	<b>Department</b> <Dept>	[0..1]	Text		870
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		870
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			870
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		870
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		871
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		871
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	871
	<b>Other</b> <Othr>	[0..*]	±		871
	<b>Name</b> <Nm>	[0..1]	Text		871
	<b>Language</b> <Lang>	[0..1]	CodeSet	C6	871
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		872
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		872
	<b>TripNumber</b> <TripNb>	[0..1]	Text		873
	<b>Vehicle</b> <Vhcl>	[0..1]	±		873
	<b>Authentication</b> <Authntcn>	[0..*]			874
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		876
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		877
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		878
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		878
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			878
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		878
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		879
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		879
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			879
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		880
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		880
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		880



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverIdentification</b> <DrvrlId>	[0..1]	Text		881
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		881
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		881
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		881
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		881
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		881
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		881
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		881
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		882
	<b>JobNumber</b> <JobNb>	[0..1]	Text		882
	<b>Department</b> <Dept>	[0..1]	Text		882
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		882
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			882
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		882
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		882
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		883
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	883
	<b>Other</b> <Othr>	[0..*]	±		883
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			883
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		883
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		884
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		884
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		884
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		884
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			884
	<b>Identification</b> <Id>	[1..1]	Text		885
	<b>Value</b> <Val>	[0..1]	Binary		885
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		885
	<b>Type</b> <Tp>	[0..1]	Text		885
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			885
	<b>Method</b> <Mtd>	[1..1]	CodeSet		886

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		887
	<b>Result</b> <Rslt>	[0..1]	CodeSet		887
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		887
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		888
	<b>MobileData</b> <MobData>	[0..*]			888
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		888
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		888
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		889
	<b>Geolocation</b> <Glctn>	[0..1]			889
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			889
	<b>Latitude</b> <Lat>	[1..1]	Text		889
	<b>Longitude</b> <Long>	[1..1]	Text		889
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			890
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		890
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		890
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		890
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			890
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		891
	<b>IMSI</b> <IMSI>	[0..1]	Text		891
	<b>IMEI</b> <IMEI>	[0..1]	Text		891
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		891
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		891
	<b>Context</b> <Cntxt>	[0..1]	±		892
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		895
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		895
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		896
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		896
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		896
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	897
	<b>Transaction</b> <Tx>	[1..*]			897
{Or	<b>Completion</b> <Cmpltn>	[1..1]	±		897

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>Cancellation</b> <Cx/>	[1..1]	±		906
Or	<b>AuthorisationRequest</b> <AuthstnReq>	[1..1]	±		912
Or}	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	±		920

#### 12.4.2.2.1 DataSetIdentification <DataSetId>

*Presence:* [1..1]

*Definition:* Identification of the data set.

**DataSetIdentification** <DataSetId> contains the following **DataSetIdentification5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[1..1]	Text		839
	<b>Type</b> <Tp>	[1..1]	CodeSet		839
	<b>Version</b> <Vrsn>	[0..1]	Text		840
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		840

##### 12.4.2.2.1.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name of the data set.

*Datatype:* "Max256Text" on page 2425

##### 12.4.2.2.1.2 Type <Tp>

*Presence:* [1..1]

*Definition:* Category of data set.

*Datatype:* "DataSetCategory8Code" on page 2399

CodeName	Name	Definition
SWPK	SoftwareModule	Software module.
VDPR	VendorParameters	Point of interaction parameters defined by the manufacturer for instance the PIN verification capabilities.
AQPR	AcquirerParameters	Acquirer specific configuration parameters for the point of interaction (POI) system.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
TXCP	BatchCapture	Batch upload of transaction data (data capture of a group of transactions).
AKCP	CaptureResponse	Batch download response for the batch capture of transactions.
STRP	StatusReport	Report of software configuration and parameter status.

CodeName	Name	Definition
DLGT	DelegationData	Data needed to create a terminal management sub-domain.
MGTP	ManagementPlan	Configuration of management plan in the point of interaction.
RCLE	ReconciliationError	Batch of transaction that have generated an error in the totals of the reconciliation.

#### 12.4.2.2.1.3 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data set.

*Datatype:* "Max256Text" on page 2425

#### 12.4.2.2.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time of creation of the data set.

*Datatype:* "ISODateTime" on page 2420

#### 12.4.2.2.2 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in the data set building.

**Traceability <Tracblt>** contains the following elements (see "Traceability8" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 12.4.2.2.3 DataSetInitiator <DataSetInitr>

*Presence:* [0..1]

*Definition:* Initiator of the data set.

**DataSetInitiator <DataSetIntr>** contains the following elements (see "[GenericIdentification176](#)" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 12.4.2.2.4 TransactionTotals <TxTtls>

*Presence:* [1..\*]

*Definition:* Transaction totals of the data set.

**TransactionTotals <TxTtls>** contains the following **TransactionTotals7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		841
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		841
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	841
	<b>Type</b> <Tp>	[1..1]	CodeSet		842
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		842
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		842

##### 12.4.2.2.4.1 POIGroupIdentification <POIGrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

##### 12.4.2.2.4.2 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Category of cards related the acceptance processing rules defined by the acquirer.

*Datatype:* "[Max35Text](#)" on page 2426

##### 12.4.2.2.4.3 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction totals.

*Impacted by:* [C1 "ActiveCurrency"](#)

*Datatype:* "[ActiveCurrencyCode](#)" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 12.4.2.2.4.4 Type <Tp>

*Presence:* [1..1]

*Definition:* Identification of the type of transaction.

*Datatype:* "TypeTransactionTotals2Code" on page 2417

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

#### 12.4.2.2.4.5 TotalNumber <TtlNb>

*Presence:* [1..1]

*Definition:* Total number of transactions during a reconciliation period.

*Datatype:* "Number" on page 2423

#### 12.4.2.2.4.6 CumulativeAmount <CmltvAmt>

*Presence:* [1..1]

*Definition:* Total amount of a collection of transactions.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 12.4.2.2.5 CommonData <CmonData>

*Presence:* [0..1]

*Definition:* Data common to all transactions of the data set.

**CommonData** <CmonData> contains the following **CommonData9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envnt>	[0..1]			847
	<b>Acquirer</b> <Acqrr>	[0..1]	±		852
	<b>Merchant</b> <Mrchnt>	[0..1]			852
	<b>Identification</b> <Id>	[0..1]	±		852
	<b>CommonName</b> <CmonNm>	[0..1]	Text		853
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		853
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		853
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		854
	<b>POI</b> <POI>	[0..1]			854
	<b>Identification</b> <Id>	[1..1]	±		854
	<b>SystemName</b> <SysNm>	[0..1]	Text		855
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		855
	<b>Capabilities</b> <Cpblties>	[0..1]	±		855
	<b>TimeZone</b> <TmZone>	[0..1]	Text		856
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		856
	<b>Component</b> <Cmpnt>	[0..*]	±		857
	<b>Card</b> <Card>	[0..1]			859
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		860
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		860
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		860
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		861
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		861
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		861
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		861
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		861
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		862
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		862
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		862
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		862
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		862
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		862

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		863
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		863
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		863
	<b>Wallet</b> <Wlt>	[0..1]	±		863
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		863
	<b>Cardholder</b> <Crhdldr>	[0..1]			864
	<b>Identification</b> <Id>	[0..1]			868
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		868
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		868
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		869
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		869
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		869
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		869
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		869
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		869
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		869
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		869
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		870
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		870
	<b>JobNumber</b> <JobNb>	[0..1]	Text		870
	<b>Department</b> <Dept>	[0..1]	Text		870
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		870
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			870
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		870
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		871
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		871
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	871
	<b>Other</b> <Othr>	[0..*]	±		871
	<b>Name</b> <Nm>	[0..1]	Text		871
	<b>Language</b> <Lang>	[0..1]	CodeSet	C6	871
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		872



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		872
	<b>TripNumber</b> <TripNb>	[0..1]	Text		873
	<b>Vehicle</b> <Vhcl>	[0..1]	±		873
	<b>Authentication</b> <Authntcn>	[0..*]			874
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		876
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		877
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		878
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		878
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			878
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		878
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		879
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		879
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			879
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		880
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		880
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		880
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		881
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		881
	<b>SocialSecurityNumber</b> <ScIScyNb>	[0..1]	Text		881
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		881
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		881
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		881
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		881
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		881
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		882
	<b>JobNumber</b> <JobNb>	[0..1]	Text		882
	<b>Department</b> <Dept>	[0..1]	Text		882
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		882
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			882
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		882
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		882

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		883
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	883
	<b>Other</b> <Othr>	[0..*]	±		883
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			883
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		883
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		884
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		884
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		884
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		884
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			884
	<b>Identification</b> <Id>	[1..1]	Text		885
	<b>Value</b> <Val>	[0..1]	Binary		885
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		885
	<b>Type</b> <Tp>	[0..1]	Text		885
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			885
	<b>Method</b> <Mtd>	[1..1]	CodeSet		886
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		887
	<b>Result</b> <Rslt>	[0..1]	CodeSet		887
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		887
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		888
	<b>MobileData</b> <MobData>	[0..*]			888
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		888
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		888
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		889
	<b>Geolocation</b> <Glctn>	[0..1]			889
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			889
	<b>Latitude</b> <Lat>	[1..1]	Text		889
	<b>Longitude</b> <Long>	[1..1]	Text		889
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			890
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		890
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		890

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		890
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			890
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		891
	<b>IMSI</b> <IMSI>	[0..1]	Text		891
	<b>IMEI</b> <IMEI>	[0..1]	Text		891
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		891
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		891
	<b>Context</b> <Cntxt>	[0..1]	±		892
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		895
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		895
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		896
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		896
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		896
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	897

#### 12.4.2.2.5.1 Environment <Envt>

*Presence:* [0..1]

*Definition:* Data related to the environment of the transaction, common to a set of transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		852
	<b>Merchant</b> <Mrchnt>	[0..1]			852
	<b>Identification</b> <Id>	[0..1]	±		852
	<b>CommonName</b> <CmonNm>	[0..1]	Text		853
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		853
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		853
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		854
	<b>POI</b> <POI>	[0..1]			854
	<b>Identification</b> <Id>	[1..1]	±		854
	<b>SystemName</b> <SysNm>	[0..1]	Text		855
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		855
	<b>Capabilities</b> <Cpblties>	[0..1]	±		855
	<b>TimeZone</b> <TmZone>	[0..1]	Text		856
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		856
	<b>Component</b> <Cmpnt>	[0..*]	±		857
	<b>Card</b> <Card>	[0..1]			859
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		860
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		860
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		860
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		861
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		861
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		861
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		861
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		861
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		862
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		862
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		862
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		862
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		862
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		862
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		863

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		863
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		863
	<b>Wallet</b> <Wlt>	[0..1]	±		863
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		863
	<b>Cardholder</b> <Crhdldr>	[0..1]			864
	<b>Identification</b> <Id>	[0..1]			868
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		868
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		868
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		869
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		869
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		869
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		869
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		869
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		869
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		869
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		869
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		870
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		870
	<b>JobNumber</b> <JobNb>	[0..1]	Text		870
	<b>Department</b> <Dept>	[0..1]	Text		870
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		870
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			870
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		870
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		871
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		871
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	871
	<b>Other</b> <Othr>	[0..*]	±		871
	<b>Name</b> <Nm>	[0..1]	Text		871
	<b>Language</b> <Lang>	[0..1]	CodeSet	C6	871
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		872
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		872

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		873
	<b>Vehicle</b> <Vhcl>	[0..1]	±		873
	<b>Authentication</b> <Authntcn>	[0..*]			874
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		876
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		877
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		878
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		878
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			878
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		878
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		879
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		879
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			879
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		880
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		880
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		880
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		881
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		881
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		881
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		881
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		881
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		881
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		881
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		881
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		882
	<b>JobNumber</b> <JobNb>	[0..1]	Text		882
	<b>Department</b> <Dept>	[0..1]	Text		882
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		882
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			882
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		882
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		882
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		883

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	883
	<b>Other</b> <Othr>	[0..*]	±		883
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			883
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		883
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		884
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		884
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		884
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		884
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			884
	<b>Identification</b> <Id>	[1..1]	Text		885
	<b>Value</b> <Val>	[0..1]	Binary		885
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		885
	<b>Type</b> <Tp>	[0..1]	Text		885
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			885
	<b>Method</b> <Mtd>	[1..1]	CodeSet		886
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		887
	<b>Result</b> <Rslt>	[0..1]	CodeSet		887
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		887
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		888
	<b>MobileData</b> <MobData>	[0..*]			888
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		888
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		888
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		889
	<b>Geolocation</b> <Glctn>	[0..1]			889
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			889
	<b>Latitude</b> <Lat>	[1..1]	Text		889
	<b>Longitude</b> <Long>	[1..1]	Text		889
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			890
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		890
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		890
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		890

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			890
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		891
	<b>IMSI</b> <IMSI>	[0..1]	Text		891
	<b>IMEI</b> <IMEI>	[0..1]	Text		891
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		891
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		891

#### 12.4.2.2.5.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 12.4.2.2.5.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

*Usage:* In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		852
	<b>CommonName</b> <CmonNm>	[0..1]	Text		853
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		853
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		853
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		854

##### 12.4.2.2.5.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.



**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 12.4.2.2.5.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 12.4.2.2.5.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 12.4.2.2.5.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 12.4.2.2.5.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 12.4.2.2.5.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		854
	<b>SystemName</b> <SysNm>	[0..1]	Text		855
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		855
	<b>Capabilities</b> <Cpblties>	[0..1]	±		855
	<b>TimeZone</b> <TmZone>	[0..1]	Text		856
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		856
	<b>Component</b> <Cmpnt>	[0..*]	±		857

#### 12.4.2.2.5.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 12.4.2.2.5.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 12.4.2.2.5.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 12.4.2.2.5.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 12.4.2.2.5.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 12.4.2.2.5.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 12.4.2.2.5.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 12.4.2.2.5.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		860
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		860
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		860
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		861
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		861
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		861
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		861
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		861
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		862
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		862
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		862
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		862
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		862
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		862
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		863
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		863

#### 12.4.2.2.5.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 12.4.2.2.5.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 12.4.2.2.5.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]



*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 12.4.2.2.5.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 12.4.2.2.5.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 12.4.2.2.5.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 12.4.2.2.5.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 12.4.2.2.5.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 12.4.2.2.5.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 12.4.2.2.5.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 12.4.2.2.5.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 12.4.2.2.5.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 12.4.2.2.5.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice1" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 12.4.2.2.5.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "CustomerDevice1" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 12.4.2.2.5.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 12.4.2.2.5.1.8 Cardholder <Crhdldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdHdr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			868
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		868
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		868
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		869
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		869
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		869
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		869
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		869
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		869
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		869
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		869
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		870
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		870
	<b>JobNumber</b> <JobNb>	[0..1]	Text		870
	<b>Department</b> <Dept>	[0..1]	Text		870
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		870
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			870
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		870
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		871
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		871
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	871
	<b>Other</b> <Othr>	[0..*]	±		871
	<b>Name</b> <Nm>	[0..1]	Text		871
	<b>Language</b> <Lang>	[0..1]	CodeSet	C6	871
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		872
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		872
	<b>TripNumber</b> <TripNb>	[0..1]	Text		873
	<b>Vehicle</b> <Vhcl>	[0..1]	±		873
	<b>Authentication</b> <Authntcn>	[0..*]			874
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		876
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		877

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		878
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		878
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			878
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		878
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		879
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		879
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			879
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		880
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		880
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		880
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		881
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		881
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		881
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		881
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		881
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		881
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		881
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		881
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		882
	<b>JobNumber</b> <JobNb>	[0..1]	Text		882
	<b>Department</b> <Dept>	[0..1]	Text		882
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		882
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			882
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		882
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		882
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		883
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	883
	<b>Other</b> <Othr>	[0..*]	±		883
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			883
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		883
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		884

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		884
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		884
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		884
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			884
	<b>Identification</b> <Id>	[1..1]	Text		885
	<b>Value</b> <Val>	[0..1]	Binary		885
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		885
	<b>Type</b> <Tp>	[0..1]	Text		885
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			885
	<b>Method</b> <Mtd>	[1..1]	CodeSet		886
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		887
	<b>Result</b> <Rslt>	[0..1]	CodeSet		887
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		887
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		888
	<b>MobileData</b> <MobData>	[0..*]			888
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		888
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		888
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		889
	<b>Geolocation</b> <Glctn>	[0..1]			889
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			889
	<b>Latitude</b> <Lat>	[1..1]	Text		889
	<b>Longitude</b> <Long>	[1..1]	Text		889
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			890
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		890
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		890
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		890
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			890
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		891
	<b>IMSI</b> <IMSI>	[0..1]	Text		891
	<b>IMEI</b> <IMEI>	[0..1]	Text		891
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		891

#### 12.4.2.2.5.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		868
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		868
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		869
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		869
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		869
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		869
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		869
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		869
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		869
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		869
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		870
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		870
	<b>JobNumber</b> <JobNb>	[0..1]	Text		870
	<b>Department</b> <Dept>	[0..1]	Text		870
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		870
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			870
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		870
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		871
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		871
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	871
	<b>Other</b> <Othr>	[0..*]	±		871

##### 12.4.2.2.5.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 12.4.2.2.5.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.



*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 12.4.2.2.5.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		870
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		871
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		871
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	871

##### 12.4.2.2.5.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 12.4.2.2.5.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 12.4.2.2.5.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 12.4.2.2.5.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 12.4.2.2.5.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C6 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 12.4.2.2.5.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 12.4.2.2.5.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 12.4.2.2.5.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 12.4.2.2.5.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		876
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		877
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		878
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		878
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			878
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		878
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		879
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		879
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			879
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		880
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		880
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		880
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		881
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		881
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		881
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		881
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		881
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		881
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		881
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		881
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		882
	<b>JobNumber</b> <JobNb>	[0..1]	Text		882
	<b>Department</b> <Dept>	[0..1]	Text		882
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		882
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			882
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		882
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		882
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		883
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	883
	<b>Other</b> <Othr>	[0..*]	±		883
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			883

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		883
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		884
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		884
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		884
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		884
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			884
	<b>Identification</b> <Id>	[1..1]	Text		885
	<b>Value</b> <Val>	[0..1]	Binary		885
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		885
	<b>Type</b> <Tp>	[0..1]	Text		885

#### 12.4.2.2.5.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).



CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 12.4.2.2.5.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 12.4.2.2.5.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 12.4.2.2.5.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 12.4.2.2.5.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		878
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		879
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		879

##### 12.4.2.2.5.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 12.4.2.2.5.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 12.4.2.2.5.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.8.6 CardholderIdentification <CrhdldrId>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		880
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		880
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		880
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		881
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		881
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		881
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		881
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		881
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		881
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		881
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		881
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		882
	<b>JobNumber</b> <JobNb>	[0..1]	Text		882
	<b>Department</b> <Dept>	[0..1]	Text		882
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		882
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			882
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		882
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		882
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		883
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	883
	<b>Other</b> <Othr>	[0..*]	±		883

#### 12.4.2.2.5.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.8.6.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.8.6.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **12.4.2.2.5.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 12.4.2.2.5.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		882
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		882
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		883
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	883

##### 12.4.2.2.5.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 12.4.2.2.5.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 12.4.2.2.5.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 12.4.2.2.5.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		883
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		884

#### 12.4.2.2.5.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 12.4.2.2.5.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 12.4.2.2.5.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 12.4.2.2.5.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.



**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		885
	<b>Value</b> <Val>	[0..1]	Binary		885
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		885
	<b>Type</b> <Tp>	[0..1]	Text		885

#### 12.4.2.2.5.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 12.4.2.2.5.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 12.4.2.2.5.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 12.4.2.2.5.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 12.4.2.2.5.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		886
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		887
	<b>Result</b> <RsIt>	[0..1]	CodeSet		887
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		887

#### 12.4.2.2.5.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 12.4.2.2.5.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 12.4.2.2.5.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 12.4.2.2.5.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 12.4.2.2.5.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 12.4.2.2.5.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		888
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		888
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		889
	<b>Geolocation</b> <Glctn>	[0..1]			889
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			889
	<b>Latitude</b> <Lat>	[1..1]	Text		889
	<b>Longitude</b> <Long>	[1..1]	Text		889
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			890
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		890
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		890
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		890
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			890
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		891
	<b>IMSI</b> <IMSI>	[0..1]	Text		891
	<b>IMEI</b> <IMEI>	[0..1]	Text		891
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		891

##### 12.4.2.2.5.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 12.4.2.2.5.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 12.4.2.2.5.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			889
	<b>Latitude</b> <Lat>	[1..1]	Text		889
	<b>Longitude</b> <Long>	[1..1]	Text		889
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			890
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		890
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		890
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		890

#### 12.4.2.2.5.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		889
	<b>Longitude</b> <Long>	[1..1]	Text		889

#### 12.4.2.2.5.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		890
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		890
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		890

##### 12.4.2.2.5.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 12.4.2.2.5.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 12.4.2.2.5.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 12.4.2.2.5.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		891
	<b>IMSI</b> <IMSI>	[0..1]	Text		891
	<b>IMEI</b> <IMEI>	[0..1]	Text		891

#### 12.4.2.2.5.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 12.4.2.2.5.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 12.4.2.2.5.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 12.4.2.2.5.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 12.4.2.2.5.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 12.4.2.2.5.2 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Data related to the context of the transaction, common to a set of transaction.



**Context <Cntxt>** contains the following elements (see "CardPaymentContext28" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			2283
	CardPresent <CardPres>	[0..1]	Indicator		2283
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		2283
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2283
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2284
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2284
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2284
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2285
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		2286
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		2286
	SaleContext <SaleCntxt>	[0..1]			2286
	SaleIdentification <SaleId>	[0..1]	Text		2287
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2287
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2288
	CashierIdentification <CshrId>	[0..1]	Text		2288
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	2288
	ShiftNumber <ShftNb>	[0..1]	Text		2288
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		2288
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		2288
	InvoiceNumber <InvcNb>	[0..1]	Text		2288
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2289
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2289
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		2289
	SplitPayment <SpltPmt>	[0..1]	Indicator		2290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		2290
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2290
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2290
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2290
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2291
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2291
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2291
	DebtorIdentification <DbtrId>	[0..1]			2292
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296
	CreditorIdentification <CdtrId>	[1..1]			2296
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2298
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandatImage <MndtImg>	[0..1]	Binary		2299

#### 12.4.2.2.5.3 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Type of transaction being undertaken for the main service, common to a set of transaction.

*Datatype:* "CardPaymentServiceType12Code" on page 2394

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

#### 12.4.2.2.5.4 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2396

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

#### 12.4.2.2.5.5 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType3Code" on page 2395

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.

#### 12.4.2.2.5.6 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [0..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* "Min3Max4Text" on page 2429

#### 12.4.2.2.5.7 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 12.4.2.2.5.8 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the set of transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 12.4.2.2.6 Transaction <Tx>

*Presence:* [1..\*]

*Definition:* Set of transaction to Process.

**Transaction <Tx>** contains one of the following **CardPaymentDataSetTransaction8Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>Completion</b> <Cmpltn>	[1..1]	±		897
Or	<b>Cancellation</b> <Cxl>	[1..1]	±		906
Or	<b>AuthorisationRequest</b> <AuthstnReq>	[1..1]	±		912
Or}	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	±		920

##### 12.4.2.2.6.1 Completion <Cmpltn>

*Presence:* [1..1]

*Definition:* Completed card payment transaction to be captured.

**Completion <Cmpltn>** contains the following elements (see "CardPaymentDataSetTransaction30" on page 2141 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		2150
	Traceability <Tracblt>	[0..*]	±		2150
	Environment <Envt>	[1..1]			2151
	Acquirer <Acqrr>	[0..1]	±		2156
	Merchant <Mrchnt>	[0..1]			2156
	Identification <Id>	[0..1]	±		2156
	CommonName <CmonNm>	[0..1]	Text		2157
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2157
	LocationAndContact <LctnAndCtct>	[0..1]	±		2157
	SchemeData <SchmeData>	[0..1]	Text		2158
	POI <POI>	[0..1]			2158
	Identification <Id>	[1..1]	±		2158
	SystemName <SysNm>	[0..1]	Text		2159
	GroupIdentification <Grpld>	[0..1]	Text		2159
	Capabilities <Cpblties>	[0..1]	±		2159
	TimeZone <TmZone>	[0..1]	Text		2160
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2160
	Component <Cmpnt>	[0..*]	±		2161
	Card <Card>	[0..1]			2163
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2164
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2164
	PlainCardData <PlainCardData>	[0..1]	±		2164
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2165
	MaskedPAN <MskdPAN>	[0..1]	Text		2165
	IssuerBIN <IssrBIN>	[0..1]	Text		2165
	CardCountryCode <CardCtryCd>	[0..1]	Text		2165
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2165
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2166
	CardBrand <CardBrnd>	[0..1]	Text		2166
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2166
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2166
	AllowedProduct <AllwdPdct>	[0..*]	Text		2166
	ServiceOption <SvcOptn>	[0..1]	Text		2167
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2167
	CustomerDevice <CstmrDvc>	[0..1]	±		2167
	Wallet <Wlt>	[0..1]	±		2167
	PaymentToken <PmtTkn>	[0..1]	±		2167
	Cardholder <Crhdldr>	[0..1]			2168
	Identification <Id>	[0..1]			2172
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2172
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2172
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2173
	DriverIdentification <DrvrId>	[0..1]	Text		2173
	CustomerNumber <CstmrNb>	[0..1]	Text		2173
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2173
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2173
	PassportNumber <PsptNb>	[0..1]	Text		2173
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2173
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2173
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2174
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2174
	JobNumber <JobNb>	[0..1]	Text		2174
	Department <Dept>	[0..1]	Text		2174
	EmailAddress <EmailAdr>	[0..1]	Text		2174
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2174
	BirthDate <BirthDt>	[1..1]	Date		2174
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2175
	CityOfBirth <CityOfBirth>	[1..1]	Text		2175
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2175
	Other <Othr>	[0..*]	±		2175

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2175
	Language <Lang>	[0..1]	CodeSet	C3	2175
	BillingAddress <BllgAdr>	[0..1]	±		2176
	ShippingAddress <ShppgAdr>	[0..1]	±		2176
	TripNumber <TripNb>	[0..1]	Text		2177
	Vehicle <Vhcl>	[0..1]	±		2177
	Authentication <Authntcn>	[0..*]			2178
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2180
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2181
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2182
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		2182
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2182
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2182
	PINFormat <PINFrmt>	[1..1]	CodeSet		2183
	AdditionalInput <AddtlInpt>	[0..1]	Text		2183
	CardholderIdentification <Crdhldrid>	[0..1]			2183
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2184
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2184
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2184
	DriverIdentification <Drvrld>	[0..1]	Text		2185
	CustomerNumber <CstmrNb>	[0..1]	Text		2185
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2185
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2185
	PassportNumber <PsptNb>	[0..1]	Text		2185
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2185
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2185
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2185
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2186
	JobNumber <JobNb>	[0..1]	Text		2186
	Department <Dept>	[0..1]	Text		2186
	EmailAddress <EmailAdr>	[0..1]	Text		2186



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2186
	BirthDate <BirthDt>	[1..1]	Date		2186
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2186
	CityOfBirth <CityOfBirth>	[1..1]	Text		2187
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2187
	Other <Othr>	[0..*]	±		2187
	AddressVerification <AdrVrfctn>	[0..1]			2187
	AddressDigits <AdrDgts>	[0..1]	Text		2187
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2188
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2188
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2188
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2188
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2188
	Identification <Id>	[1..1]	Text		2189
	Value <Val>	[0..1]	Binary		2189
	ProtectedValue <PrctcdVal>	[0..1]	±		2189
	Type <Tp>	[0..1]	Text		2189
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2189
	Method <Mtd>	[1..1]	CodeSet		2190
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2191
	Result <Rslt>	[0..1]	CodeSet		2191
	AdditionalResult <AddtlRslt>	[0..1]	Text		2191
	PersonalData <PrsnlData>	[0..1]	Text		2192
	MobileData <MobData>	[0..*]			2192
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2192
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2192
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2193
	Geolocation <Glctn>	[0..1]			2193
	GeographicCoordinates <GeogcCordints>	[0..1]			2193
	Latitude <Lat>	[1..1]	Text		2193
	Longitude <Long>	[1..1]	Text		2193

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2194
	UTMZone <UTMZone>	[1..1]	Text		2194
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2194
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2194
	SensitiveMobileData <SnstvMobData>	[0..1]			2194
	MSISDN <MSISDN>	[1..1]	Text		2195
	IMSI <IMSI>	[0..1]	Text		2195
	IMEI <IMEI>	[0..1]	Text		2195
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2195
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2195
	Context <Cntxt>	[0..1]	±		2196
	Transaction <Tx>	[1..1]			2199
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2204
	TransactionType <TxTp>	[0..1]	CodeSet		2204
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2205
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2205
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2206
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2206
	CustomerConsent <CstmrCnsnt>	[0..*]	Indicator		2206
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2206
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2206
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2206
	TransactionIdentification <TxId>	[1..1]	±		2207
	OriginalTransaction <OrgnlTx>	[0..1]	±		2207
	TransactionSuccess <TxSucss>	[1..1]	Indicator		2208
	Reversal <Rvsl>	[0..1]	Indicator		2208
	MerchantOverride <MrchntOvrdr>	[0..1]	Indicator		2208
	FailureReason <FailrRsn>	[0..*]	CodeSet		2208
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2209
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		2209
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2209

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InterchangeData <IntrchgData>	[0..1]	Text		2209
	TransactionDetails <TxDtls>	[1..1]			2209
	Currency <Ccy>	[0..1]	CodeSet	C1	2211
	TotalAmount <TtlAmt>	[1..1]	Amount		2212
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2212
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2212
	DetailedAmount <DtlAmt>	[0..1]	±		2212
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2213
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2213
	InvoiceAmount <InvAmt>	[0..1]	Amount		2213
	ValidityDate <VldtyDt>	[0..1]	Date		2213
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2213
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		2214
	AccountType <AcctTp>	[0..1]	CodeSet		2214
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2215
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2217
	Conversion <Convs>	[0..1]			2217
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		2218
	TargetCurrency <TrgtCcy>	[1..1]			2219
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2219
	NumericCode <NmrcCd>	[1..1]	Text		2219
	Decimal <Dcml>	[1..1]	Quantity		2219
	Name <Nm>	[0..1]	Text		2219
	ResultingAmount <RsltAmt>	[1..1]	Amount		2219
	ExchangeRate <XchgRate>	[1..1]	Rate		2220
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2220
	QuotationDate <QtnDt>	[0..1]	DateTime		2220
	ValidUntil <VldUntil>	[0..1]	DateTime		2220
	SourceCurrency <SrcCcy>	[1..1]			2220
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2220
	NumericCode <NmrcCd>	[0..1]	Text		2221

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		2221
	Name <Nm>	[0..1]	Text		2221
	OriginalAmount <OrgnlAmt>	[1..1]			2221
	ActualAmount <ActlAmt>	[0..1]	Amount		2221
	MinimumAmount <MinAmt>	[0..1]	Amount		2221
	MaximumAmount <MaxAmt>	[0..1]	Amount		2222
	CommissionDetails <ComssnDtls>	[0..*]			2222
	Amount <Amt>	[1..1]	Amount		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222
	MarkUpDetails <MrkUpDtls>	[0..*]			2222
	Rate <Rate>	[1..1]	Rate		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2223
	Instalment <Instlmt>	[0..1]	±		2223
	AggregationTransaction <AggtnTx>	[0..1]	±		2224
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2224
	SaleItem <Saleitm>	[0..*]	±		2225
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2225
	AdditionalInformation <AddtlInf>	[0..*]			2225
	Identification <Id>	[1..1]	Text		2226
	Value <Val>	[0..1]	Binary		2226
	ProtectedValue <PrctcdVal>	[0..1]	±		2226
	Type <Tp>	[0..1]	Text		2226
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2226
	AuthorisationResult <AuthstnRslt>	[0..1]			2227
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2227
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2227
	Response <Rspn>	[1..1]	CodeSet		2228
	ResponseReason <RspnRsn>	[0..1]	Text		2228
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2228
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2228

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2228
	Method <Mtd>	[1..1]	CodeSet		2228
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2229
	Result <Rslt>	[0..1]	CodeSet		2230
	AdditionalResult <AddtlRslt>	[0..1]	Text		2230
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2230
	AccountFrom <AcctFr>	[0..1]			2230
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2231
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2232
	AccountName <AcctNm>	[0..1]	Text		2232
	AccountOwner <AcctOwnr>	[0..1]			2233
	Name <Nm>	[1..1]	Text		2233
	Address <Adr>	[1..1]	±		2233
	Currency <Ccy>	[0..1]	CodeSet	C1	2233
	AccountIdentifier <AcctIdr>	[0..1]			2234
{Or	Card <Card>	[1..1]	Text		2234
Or	MSISDN <MSISDN>	[1..1]	Text		2234
Or	EMail <EMail>	[1..1]	Text		2234
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2234
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2235
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2235
Or	Domestic <Dmst>	[1..1]	Text		2235
Or}	Other <Othr>	[1..1]	Text		2235
	Servicer <Svcr>	[0..1]			2235
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2236
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2236
	AccountTo <AcctTo>	[0..1]			2236
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2237
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2238
	AccountName <AcctNm>	[0..1]	Text		2238
	AccountOwner <AcctOwnr>	[0..1]			2239

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2239
	Address <Adr>	[1..1]	±		2239
	Currency <Ccy>	[0..1]	CodeSet	C1	2239
	AccountIdentifier <AcctIdr>	[0..1]			2240
{Or	Card <Card>	[1..1]	Text		2240
Or	MSISDN <MSISDN>	[1..1]	Text		2240
Or	EMail <EMail>	[1..1]	Text		2240
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2240
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2241
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2241
Or	Domestic <Dmst>	[1..1]	Text		2241
Or}	Other <Othr>	[1..1]	Text		2241
	Servicer <Svcr>	[0..1]			2241
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2242
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2242
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2242

#### 12.4.2.2.6.2 Cancellation <Cxl>

*Presence:* [1..1]

*Definition:* Cancelled card payment transaction to be captured.

**Cancellation <Cxl>** contains the following elements (see "[CardPaymentDataSetTransaction31](#)" on page 2078 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		2084
	Traceability <Tracblt>	[0..*]	±		2084
	Environment <Envt>	[1..1]			2084
	Acquirer <Acqrr>	[0..1]	±		2089
	Merchant <Mrchnt>	[0..1]			2089
	Identification <Id>	[0..1]	±		2089
	CommonName <CmonNm>	[0..1]	Text		2090
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2090
	LocationAndContact <LctnAndCtct>	[0..1]	±		2090
	SchemeData <SchmeData>	[0..1]	Text		2091
	POI <POI>	[0..1]			2091
	Identification <Id>	[1..1]	±		2091
	SystemName <SysNm>	[0..1]	Text		2092
	GroupIdentification <Grpld>	[0..1]	Text		2092
	Capabilities <Cpblties>	[0..1]	±		2092
	TimeZone <TmZone>	[0..1]	Text		2093
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2093
	Component <Cmpnt>	[0..*]	±		2094
	Card <Card>	[0..1]			2096
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2097
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2097
	PlainCardData <PlainCardData>	[0..1]	±		2097
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2098
	MaskedPAN <MskdPAN>	[0..1]	Text		2098
	IssuerBIN <IssrBIN>	[0..1]	Text		2098
	CardCountryCode <CardCtryCd>	[0..1]	Text		2098
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2098
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2099
	CardBrand <CardBrnd>	[0..1]	Text		2099
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2099

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2099
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2099
	AllowedProduct <AllwdPdct>	[0..*]	Text		2099
	ServiceOption <SvcOptn>	[0..1]	Text		2100
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2100
	CustomerDevice <CstmrDvc>	[0..1]	±		2100
	Wallet <WlIt>	[0..1]	±		2100
	PaymentToken <PmtTkn>	[0..1]	±		2100
	Cardholder <Crdhldr>	[0..1]			2101
	Identification <Id>	[0..1]			2105
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2105
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2105
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2106
	DriverIdentification <DrvrId>	[0..1]	Text		2106
	CustomerNumber <CstmrNb>	[0..1]	Text		2106
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2106
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2106
	PassportNumber <PsptNb>	[0..1]	Text		2106
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2106
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2106
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2107
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2107
	JobNumber <JobNb>	[0..1]	Text		2107
	Department <Dept>	[0..1]	Text		2107
	EmailAddress <EmailAdr>	[0..1]	Text		2107
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2107
	BirthDate <BirthDt>	[1..1]	Date		2107
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2108
	CityOfBirth <CityOfBirth>	[1..1]	Text		2108
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2108
	Other <Othr>	[0..*]	±		2108



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2108
	Language <Lang>	[0..1]	CodeSet	C3	2108
	BillingAddress <BllgAdr>	[0..1]	±		2109
	ShippingAddress <ShppgAdr>	[0..1]	±		2109
	TripNumber <TripNb>	[0..1]	Text		2110
	Vehicle <Vhcl>	[0..1]	±		2110
	Authentication <Authntcn>	[0..*]			2111
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2113
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2114
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2115
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		2115
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2115
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2115
	PINFormat <PINFrmt>	[1..1]	CodeSet		2116
	AdditionalInput <AddtlInpt>	[0..1]	Text		2116
	CardholderIdentification <Crhdldrid>	[0..1]			2116
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2117
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2117
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2117
	DriverIdentification <Drvrld>	[0..1]	Text		2118
	CustomerNumber <CstmrNb>	[0..1]	Text		2118
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2118
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2118
	PassportNumber <PsptNb>	[0..1]	Text		2118
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2118
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2118
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2118
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2119
	JobNumber <JobNb>	[0..1]	Text		2119
	Department <Dept>	[0..1]	Text		2119
	EmailAddress <EmailAdr>	[0..1]	Text		2119

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2119
	BirthDate <BirthDt>	[1..1]	Date		2119
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2119
	CityOfBirth <CityOfBirth>	[1..1]	Text		2120
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2120
	Other <Othr>	[0..*]	±		2120
	AddressVerification <AdrVrfctn>	[0..1]			2120
	AddressDigits <AdrDgts>	[0..1]	Text		2120
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2121
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2121
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2121
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2121
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2121
	Identification <Id>	[1..1]	Text		2122
	Value <Val>	[0..1]	Binary		2122
	ProtectedValue <PrctcdVal>	[0..1]	±		2122
	Type <Tp>	[0..1]	Text		2122
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2122
	Method <Mtd>	[1..1]	CodeSet		2123
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2124
	Result <Rslt>	[0..1]	CodeSet		2124
	AdditionalResult <AddtlRslt>	[0..1]	Text		2124
	PersonalData <PrsnlData>	[0..1]	Text		2125
	MobileData <MobData>	[0..*]			2125
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2125
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2125
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2126
	Geolocation <Glctn>	[0..1]			2126
	GeographicCoordinates <GeogcCordints>	[0..1]			2126
	Latitude <Lat>	[1..1]	Text		2126
	Longitude <Long>	[1..1]	Text		2126

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2127
	UTMZone <UTMZone>	[1..1]	Text		2127
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2127
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2127
	SensitiveMobileData <SnstvMobData>	[0..1]			2127
	MSISDN <MSISDN>	[1..1]	Text		2128
	IMSI <IMSI>	[0..1]	Text		2128
	IMEI <IMEI>	[0..1]	Text		2128
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2128
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2128
	Context <Cntxt>	[0..1]	±		2129
	Transaction <Tx>	[1..1]			2132
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2134
	CustomerConsent <CstmrCnsnt>	[0..*]	Indicator		2134
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2134
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2134
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2134
	TransactionIdentification <TxId>	[1..1]	±		2134
	OriginalTransaction <OrgnlTx>	[0..1]	±		2135
	TransactionSuccess <TxSucss>	[1..1]	Indicator		2135
	Reversal <Rvsl>	[0..1]	Indicator		2135
	FailureReason <FailrRsn>	[0..*]	CodeSet		2136
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2136
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		2136
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2137
	InterchangeData <IntrchnngData>	[0..1]	Text		2137
	TransactionDetails <TxDtls>	[1..1]			2137
	Currency <Ccy>	[0..1]	CodeSet	C1	2137
	TotalAmount <TtlAmt>	[1..1]	Amount		2137
	ValidityDate <VldtyDt>	[0..1]	Date		2138
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2138

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[0..1]			2138
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2138
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2139
	Response <Rspn>	[1..1]	CodeSet		2139
	ResponseReason <RspnRsn>	[0..1]	Text		2139
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2139
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2140
	TMSTrigger <TMSTrggr>	[0..1]			2140
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2140
	TMSIdentification <TMSId>	[0..1]	Text		2140
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2140
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2140

#### 12.4.2.2.6.3 AuthorisationRequest <AuthstnReq>

*Presence:* [1..1]

*Definition:* Card payment transaction including an authorisation request.

**AuthorisationRequest <AuthstnReq>** contains the following elements (see  
"CardPaymentDataSetTransaction32" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1991
	Traceability <Tracblt>	[0..*]	±		1992
	Environment <Envt>	[1..1]			1992
	Acquirer <Acqrr>	[0..1]	±		1997
	Merchant <Mrchnt>	[0..1]			1997
	Identification <Id>	[0..1]	±		1997
	CommonName <CmonNm>	[0..1]	Text		1998
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1998
	LocationAndContact <LctnAndCtct>	[0..1]	±		1998
	SchemeData <SchmeData>	[0..1]	Text		1999
	POI <POI>	[0..1]			1999
	Identification <Id>	[1..1]	±		1999
	SystemName <SysNm>	[0..1]	Text		2000
	GroupIdentification <Grpld>	[0..1]	Text		2000
	Capabilities <Cpblties>	[0..1]	±		2000
	TimeZone <TmZone>	[0..1]	Text		2001
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2001
	Component <Cmpnt>	[0..*]	±		2002
	Card <Card>	[0..1]			2004
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2005
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2005
	PlainCardData <PlainCardData>	[0..1]	±		2005
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2006
	MaskedPAN <MskdPAN>	[0..1]	Text		2006
	IssuerBIN <IssrBIN>	[0..1]	Text		2006
	CardCountryCode <CardCtryCd>	[0..1]	Text		2006
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2006
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2007
	CardBrand <CardBrnd>	[0..1]	Text		2007
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2007

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2007
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2007
	AllowedProduct <AllwdPdct>	[0..*]	Text		2007
	ServiceOption <SvcOptn>	[0..1]	Text		2008
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2008
	CustomerDevice <CstmrDvc>	[0..1]	±		2008
	Wallet <WlIt>	[0..1]	±		2008
	PaymentToken <PmtTkn>	[0..1]	±		2008
	Cardholder <Crdhldr>	[0..1]			2009
	Identification <Id>	[0..1]			2013
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2013
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2013
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2014
	DriverIdentification <DrvrId>	[0..1]	Text		2014
	CustomerNumber <CstmrNb>	[0..1]	Text		2014
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2014
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2014
	PassportNumber <PsptNb>	[0..1]	Text		2014
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2014
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2014
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2015
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2015
	JobNumber <JobNb>	[0..1]	Text		2015
	Department <Dept>	[0..1]	Text		2015
	EmailAddress <EmailAdr>	[0..1]	Text		2015
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2015
	BirthDate <BirthDt>	[1..1]	Date		2015
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2016
	CityOfBirth <CityOfBirth>	[1..1]	Text		2016
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2016
	Other <Othr>	[0..*]	±		2016

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2016
	Language <Lang>	[0..1]	CodeSet	C3	2016
	BillingAddress <BllgAdr>	[0..1]	±		2017
	ShippingAddress <ShppgAdr>	[0..1]	±		2017
	TripNumber <TripNb>	[0..1]	Text		2018
	Vehicle <Vhcl>	[0..1]	±		2018
	Authentication <Authntcn>	[0..*]			2019
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2021
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2022
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2023
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		2023
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2023
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2023
	PINFormat <PINFrmt>	[1..1]	CodeSet		2024
	AdditionalInput <AddtlInpt>	[0..1]	Text		2024
	CardholderIdentification <Crdhldrid>	[0..1]			2024
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2025
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2025
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2025
	DriverIdentification <Drvrld>	[0..1]	Text		2026
	CustomerNumber <CstmrNb>	[0..1]	Text		2026
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2026
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2026
	PassportNumber <PsptNb>	[0..1]	Text		2026
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2026
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2026
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2026
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2027
	JobNumber <JobNb>	[0..1]	Text		2027
	Department <Dept>	[0..1]	Text		2027
	EmailAddress <EmailAdr>	[0..1]	Text		2027

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2027
	BirthDate <BirthDt>	[1..1]	Date		2027
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2027
	CityOfBirth <CityOfBirth>	[1..1]	Text		2028
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2028
	Other <Othr>	[0..*]	±		2028
	AddressVerification <AdrVrfctn>	[0..1]			2028
	AddressDigits <AdrDgts>	[0..1]	Text		2028
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2029
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2029
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2029
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2029
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2029
	Identification <Id>	[1..1]	Text		2030
	Value <Val>	[0..1]	Binary		2030
	ProtectedValue <PrctcdVal>	[0..1]	±		2030
	Type <Tp>	[0..1]	Text		2030
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2030
	Method <Mtd>	[1..1]	CodeSet		2031
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2032
	Result <Rslt>	[0..1]	CodeSet		2032
	AdditionalResult <AddtlRslt>	[0..1]	Text		2032
	PersonalData <PrsnlData>	[0..1]	Text		2033
	MobileData <MobData>	[0..*]			2033
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2033
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2033
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2034
	Geolocation <Glctn>	[0..1]			2034
	GeographicCoordinates <GeogcCordints>	[0..1]			2034
	Latitude <Lat>	[1..1]	Text		2034
	Longitude <Long>	[1..1]	Text		2034



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2035
	UTMZone <UTMZone>	[1..1]	Text		2035
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2035
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2035
	SensitiveMobileData <SnstvmobData>	[0..1]			2035
	MSISDN <MSISDN>	[1..1]	Text		2036
	IMSI <IMSI>	[0..1]	Text		2036
	IMEI <IMEI>	[0..1]	Text		2036
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2036
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2036
	Context <Cntxt>	[0..1]	±		2037
	Transaction <Tx>	[1..1]			2040
	TransactionCapture <TxCaptr>	[1..1]	Indicator		2044
	TransactionType <TxTp>	[0..1]	CodeSet		2044
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2045
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2046
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2046
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2046
	CustomerConsent <CstmrCnsnt>	[0..*]	Indicator		2046
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2047
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2047
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2047
	TransactionIdentification <TxId>	[1..1]	±		2047
	OriginalTransaction <OrgnlTx>	[0..1]	±		2047
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2048
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2048
	TransactionDetails <TxDtls>	[1..1]			2048
	Currency <Ccy>	[0..1]	CodeSet	C1	2050
	TotalAmount <TtlAmt>	[1..1]	Amount		2051
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2051
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtlAmt>	[0..1]	±		2051
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2052
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2052
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2052
	ValidityDate <VldtyDt>	[0..1]	Date		2052
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2052
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2053
	AccountType <AcctTp>	[0..1]	CodeSet		2053
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2054
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2056
	Conversion <Convs>	[0..1]			2056
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2057
	TargetCurrency <TrgtCcy>	[1..1]			2058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2058
	NumericCode <NmrcCd>	[1..1]	Text		2058
	Decimal <Dcml>	[1..1]	Quantity		2058
	Name <Nm>	[0..1]	Text		2058
	ResultingAmount <RsltAmt>	[1..1]	Amount		2058
	ExchangeRate <XchgRate>	[1..1]	Rate		2059
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2059
	QuotationDate <QtnDt>	[0..1]	DateTime		2059
	ValidUntil <VldUntil>	[0..1]	DateTime		2059
	SourceCurrency <SrcCcy>	[1..1]			2059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2059
	NumericCode <NmrcCd>	[0..1]	Text		2060
	Decimal <Dcml>	[0..1]	Quantity		2060
	Name <Nm>	[0..1]	Text		2060
	OriginalAmount <OrgnlAmt>	[1..1]			2060
	ActualAmount <ActlAmt>	[0..1]	Amount		2060
	MinimumAmount <MinAmt>	[0..1]	Amount		2060
	MaximumAmount <MaxAmt>	[0..1]	Amount		2061

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			2061
	Amount <Amt>	[1..1]	Amount		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	MarkUpDetails <MrkUpDtls>	[0..*]			2061
	Rate <Rate>	[1..1]	Rate		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2062
	Instalment <Instlmt>	[0..1]	±		2062
	AggregationTransaction <AggtnTx>	[0..1]	±		2063
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2063
	SaleItem <Saleitm>	[0..*]	±		2064
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2064
	AdditionalInformation <AddtlInf>	[0..*]			2064
	Identification <Id>	[1..1]	Text		2065
	Value <Val>	[0..1]	Binary		2065
	ProtectedValue <PrctcdVal>	[0..1]	±		2065
	Type <Tp>	[0..1]	Text		2065
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2065
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2066
	AccountFrom <AcctFr>	[0..1]			2066
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2066
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2067
	AccountName <AcctNm>	[0..1]	Text		2068
	AccountOwner <AcctOwnr>	[0..1]			2068
	Name <Nm>	[1..1]	Text		2068
	Address <Adr>	[1..1]	±		2068
	Currency <Ccy>	[0..1]	CodeSet	C1	2069
	AccountIdentifier <Acctldr>	[0..1]			2069
{Or	Card <Card>	[1..1]	Text		2070
Or	MSISDN <MSISDN>	[1..1]	Text		2070
Or	EEmail <EMail>	[1..1]	Text		2070

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2070
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2071
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2071
Or	Domestic <Dmst>	[1..1]	Text		2071
Or}	Other <Othr>	[1..1]	Text		2071
	Servicer <Svcr>	[0..1]			2071
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2071
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2072
	AccountTo <AcctTo>	[0..1]			2072
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2073
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2074
	AccountName <AcctNm>	[0..1]	Text		2074
	AccountOwner <AcctOwnr>	[0..1]			2075
	Name <Nm>	[1..1]	Text		2075
	Address <Adr>	[1..1]	±		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2075
	AccountIdentifier <AcctIdr>	[0..1]			2076
{Or	Card <Card>	[1..1]	Text		2076
Or	MSISDN <MSISDN>	[1..1]	Text		2076
Or	EMail <EMail>	[1..1]	Text		2076
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2076
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2077
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2077
Or	Domestic <Dmst>	[1..1]	Text		2077
Or}	Other <Othr>	[1..1]	Text		2077
	Servicer <Svcr>	[0..1]			2077
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2078
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2078
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2078

#### 12.4.2.2.6.4 AuthorisationResponse <AuthstnRspn>

Presence: [1..1]

*Definition:* Card payment transaction including an authorisation response.

**AuthorisationResponse <AuthstnRspn>** contains the following elements (see  
"CardPaymentDataSetTransaction33" on page 1889 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1898
	Traceability <Tracblt>	[0..*]	±		1898
	Environment <Envt>	[1..1]			1898
	Acquirer <Acqrr>	[0..1]	±		1903
	Merchant <Mrchnt>	[0..1]			1903
	Identification <Id>	[0..1]	±		1903
	CommonName <CmonNm>	[0..1]	Text		1904
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1904
	LocationAndContact <LctnAndCtct>	[0..1]	±		1904
	SchemeData <SchmeData>	[0..1]	Text		1905
	POI <POI>	[0..1]			1905
	Identification <Id>	[1..1]	±		1905
	SystemName <SysNm>	[0..1]	Text		1906
	GroupIdentification <Grpld>	[0..1]	Text		1906
	Capabilities <Cpblties>	[0..1]	±		1906
	TimeZone <TmZone>	[0..1]	Text		1907
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1907
	Component <Cmpnt>	[0..*]	±		1908
	Card <Card>	[0..1]			1910
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1911
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1911
	PlainCardData <PlainCardData>	[0..1]	±		1911
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1912
	MaskedPAN <MskdPAN>	[0..1]	Text		1912
	IssuerBIN <IssrBIN>	[0..1]	Text		1912
	CardCountryCode <CardCtryCd>	[0..1]	Text		1912
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1912
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1913
	CardBrand <CardBrnd>	[0..1]	Text		1913
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1913

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1913
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1913
	AllowedProduct <AllwdPdct>	[0..*]	Text		1913
	ServiceOption <SvcOptn>	[0..1]	Text		1914
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1914
	CustomerDevice <CstmrDvc>	[0..1]	±		1914
	Wallet <Wlt>	[0..1]	±		1914
	PaymentToken <PmtTkn>	[0..1]	±		1914
	Cardholder <Crdhldr>	[0..1]			1915
	Identification <Id>	[0..1]			1919
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1919
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1919
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1920
	DriverIdentification <DrvrId>	[0..1]	Text		1920
	CustomerNumber <CstmrNb>	[0..1]	Text		1920
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1920
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1920
	PassportNumber <PsptNb>	[0..1]	Text		1920
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1920
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1920
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1921
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1921
	JobNumber <JobNb>	[0..1]	Text		1921
	Department <Dept>	[0..1]	Text		1921
	EmailAddress <EmailAdr>	[0..1]	Text		1921
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1921
	BirthDate <BirthDt>	[1..1]	Date		1921
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1922
	CityOfBirth <CityOfBirth>	[1..1]	Text		1922
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1922
	Other <Othr>	[0..*]	±		1922

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1922
	Language <Lang>	[0..1]	CodeSet	C3	1922
	BillingAddress <BllgAdr>	[0..1]	±		1923
	ShippingAddress <ShppgAdr>	[0..1]	±		1923
	TripNumber <TripNb>	[0..1]	Text		1924
	Vehicle <Vhcl>	[0..1]	±		1924
	Authentication <Authntcn>	[0..*]			1925
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1927
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1928
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1929
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1929
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1929
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1929
	PINFormat <PINFrmt>	[1..1]	CodeSet		1930
	AdditionalInput <AddtlInpt>	[0..1]	Text		1930
	CardholderIdentification <Crdhldrid>	[0..1]			1930
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1931
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1931
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1931
	DriverIdentification <Drvrld>	[0..1]	Text		1932
	CustomerNumber <CstmrNb>	[0..1]	Text		1932
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1932
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1932
	PassportNumber <PsptNb>	[0..1]	Text		1932
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1932
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1932
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1932
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1933
	JobNumber <JobNb>	[0..1]	Text		1933
	Department <Dept>	[0..1]	Text		1933
	EmailAddress <EmailAdr>	[0..1]	Text		1933



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1933
	BirthDate <BirthDt>	[1..1]	Date		1933
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1933
	CityOfBirth <CityOfBirth>	[1..1]	Text		1934
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1934
	Other <Othr>	[0..*]	±		1934
	AddressVerification <AdrVrfctn>	[0..1]			1934
	AddressDigits <AdrDgts>	[0..1]	Text		1934
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1935
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1935
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1935
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1935
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1935
	Identification <Id>	[1..1]	Text		1936
	Value <Val>	[0..1]	Binary		1936
	ProtectedValue <PrctcdVal>	[0..1]	±		1936
	Type <Tp>	[0..1]	Text		1936
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1936
	Method <Mtd>	[1..1]	CodeSet		1937
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1938
	Result <Rslt>	[0..1]	CodeSet		1938
	AdditionalResult <AddtlRslt>	[0..1]	Text		1938
	PersonalData <PrsnlData>	[0..1]	Text		1939
	MobileData <MobData>	[0..*]			1939
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1939
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1939
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1940
	Geolocation <Glctn>	[0..1]			1940
	GeographicCoordinates <GeogcCordints>	[0..1]			1940
	Latitude <Lat>	[1..1]	Text		1940
	Longitude <Long>	[1..1]	Text		1940

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1941
	UTMZone <UTMZone>	[1..1]	Text		1941
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1941
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1941
	SensitiveMobileData <SnstvMobData>	[0..1]			1941
	MSISDN <MSISDN>	[1..1]	Text		1942
	IMSI <IMSI>	[0..1]	Text		1942
	IMEI <IMEI>	[0..1]	Text		1942
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1942
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1942
	Transaction <Tx>	[1..1]			1943
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1946
	TransactionIdentification <TxId>	[1..1]	±		1946
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1946
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1946
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1946
	InterchangeData <IntrchgData>	[0..1]	Text		1946
	TransactionDetails <TxDtls>	[1..1]			1946
	Currency <Ccy>	[0..1]	CodeSet	C1	1948
	TotalAmount <TtlAmt>	[1..1]	Amount		1949
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1949
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1949
	DetailedAmount <DtldAmt>	[0..1]	±		1949
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1950
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1950
	InvoiceAmount <InvAmt>	[0..1]	Amount		1950
	ValidityDate <VldtyDt>	[0..1]	Date		1950
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1950
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1951
	AccountType <AcctTp>	[0..1]	CodeSet		1951
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1952

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1954
	Conversion <Convs>	[0..1]			1954
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1955
	TargetCurrency <TrgtCcy>	[1..1]			1956
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1956
	NumericCode <NmrcCd>	[1..1]	Text		1956
	Decimal <Dcml>	[1..1]	Quantity		1956
	Name <Nm>	[0..1]	Text		1956
	ResultingAmount <RsltAmt>	[1..1]	Amount		1956
	ExchangeRate <XchgRate>	[1..1]	Rate		1957
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1957
	QuotationDate <QtnDt>	[0..1]	DateTime		1957
	ValidUntil <VldUntil>	[0..1]	DateTime		1957
	SourceCurrency <SrcCcy>	[1..1]			1957
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1957
	NumericCode <NmrcCd>	[0..1]	Text		1958
	Decimal <Dcml>	[0..1]	Quantity		1958
	Name <Nm>	[0..1]	Text		1958
	OriginalAmount <OrgnlAmt>	[1..1]			1958
	ActualAmount <ActlAmt>	[0..1]	Amount		1958
	MinimumAmount <MinAmt>	[0..1]	Amount		1958
	MaximumAmount <MaxAmt>	[0..1]	Amount		1959
	CommissionDetails <ComssnDtls>	[0..*]			1959
	Amount <Amt>	[1..1]	Amount		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	MarkUpDetails <MrkUpDtls>	[0..*]			1959
	Rate <Rate>	[1..1]	Rate		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1960
	Instalment <Instlmt>	[0..1]	±		1960
	AggregationTransaction <AggtnTx>	[0..1]	±		1961

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1961
	SaleItem <SaleItm>	[0..*]	±		1962
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1962
	AdditionalInformation <AddtlInf>	[0..*]			1962
	Identification <Id>	[1..1]	Text		1963
	Value <Val>	[0..1]	Binary		1963
	ProtectedValue <PrctcdVal>	[0..1]	±		1963
	Type <Tp>	[0..1]	Text		1963
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1963
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1964
	TransactionResponse <TxRspn>	[1..1]			1964
	AuthorisationResult <AuthstnRslt>	[1..1]			1967
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1967
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1967
	Response <Rspn>	[1..1]	CodeSet		1968
	ResponseReason <RspnRsn>	[0..1]	Text		1968
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1968
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1968
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1968
	TMSTrigger <TMSTrggr>	[0..1]			1969
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1969
	TMSIdentification <TMSId>	[0..1]	Text		1969
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1969
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1969
	Method <Mtd>	[1..1]	CodeSet		1970
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1971
	Result <Rslt>	[0..1]	CodeSet		1971
	AdditionalResult <AddtlRslt>	[0..1]	Text		1971
	AllowedProductCode <AllwdPdctCd>	[0..*]			1972
	ProductCode <PdctCd>	[1..1]	Text		1972
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1972

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1972
	ProductCode <PdctCd>	[1..1]	Text		1972
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1972
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1972
	ProductCode <PdctCd>	[1..1]	Text		1973
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1973
	AmountLimit <AmtLmt>	[0..1]	Amount		1973
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1973
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1973
	Balance <Bal>	[0..1]	±		1975
	ProtectedBalance <PrtctdBal>	[0..1]	±		1975
	Action <Actn>	[0..*]			1976
	ActionType <ActnTp>	[1..1]	CodeSet		1976
	MessageToPresent <MsgToPres>	[0..1]	±		1977
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1977
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1978
	TargetCurrency <TrgtCcy>	[1..1]			1979
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1979
	NumericCode <NmrcCd>	[1..1]	Text		1979
	Decimal <Dcml>	[1..1]	Quantity		1979
	Name <Nm>	[0..1]	Text		1979
	ResultingAmount <RsltAmt>	[1..1]	Amount		1980
	ExchangeRate <XchgRate>	[1..1]	Rate		1980
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1980
	QuotationDate <QtnDt>	[0..1]	DateTime		1980
	ValidUntil <VldUntil>	[0..1]	DateTime		1980
	SourceCurrency <SrcCcy>	[1..1]			1980
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1980
	NumericCode <NmrcCd>	[0..1]	Text		1981
	Decimal <Dcml>	[0..1]	Quantity		1981
	Name <Nm>	[0..1]	Text		1981

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[1..1]			1981
	ActualAmount <ActlAmt>	[0..1]	Amount		1981
	MinimumAmount <MinAmt>	[0..1]	Amount		1981
	MaximumAmount <MaxAmt>	[0..1]	Amount		1982
	CommissionDetails <ComssnDtls>	[0..*]			1982
	Amount <Amt>	[1..1]	Amount		1982
	AdditionalInformation <AddtlInf>	[0..1]	Text		1982
	MarkUpDetails <MrkUpDtls>	[0..*]			1982
	Rate <Rate>	[1..1]	Rate		1982
	AdditionalInformation <AddtlInf>	[0..1]	Text		1983
	DeclarationDetails <DclrtDtls>	[0..*]	±		1983

### 12.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC or a digital signature.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		930
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		931

#### 12.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).

CodeName	Name	Definition
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 12.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on [page 2344](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

# **13      caaa.012.001.08**

## **AcceptorBatchTransferResponseV08**

### **13.1    MessageDefinition Functionality**

The AcceptorBatchTransferResponse is sent by the acquirer (or its agent) to inform the acceptor (or its agent) of the transfer in a previous AcceptorBatchTransfer of a collection of transactions.

#### Outline

The AcceptorBatchTransferResponseV08 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
  - Capture advice response message management information.
- B. BatchTransferResponse
  - Information related to the previously sent set of transaction.
- C. SecurityTrailer
  - Trailer of the message containing a MAC or a digital signature.



## 13.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrBtchTrfRspn>	[1..1]			
	Header <Hdr>	[1..1]			952
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		953
	FormatVersion <FrmtVrsn>	[1..1]	Text		953
	ExchangeIdentification <XchgId>	[1..1]	Quantity		953
	CreationDateTime <CreDtTm>	[1..1]	DateTime		953
	InitiatingParty <InitgPty>	[1..1]	±		953
	RecipientParty <RcptPty>	[0..1]	±		954
	BatchTransferResponse <BtchTrfRspn>	[1..1]			954
	TransactionTotals <TxTtls>	[0..*]			974
	POIGroupIdentification <POIGrpId>	[0..1]	Text		974
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		974
	Currency <Ccy>	[0..1]	CodeSet	C1	974
	Type <Tp>	[1..1]	CodeSet		975
	TotalNumber <TtlNb>	[1..1]	Quantity		975
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		975
	DataSet <DataSet>	[0..*]			975
	DataSetIdentification <DataSetId>	[1..1]			994
	Name <Nm>	[1..1]	Text		995
	Type <Tp>	[1..1]	CodeSet		995
	Version <Vrsn>	[0..1]	Text		995
	CreationDateTime <CreDtTm>	[1..1]	DateTime		996
	DataSetResult <DataSetRslt>	[1..1]			996
	Response <Rspn>	[1..1]	CodeSet		996
	ResponseReason <RspnRsn>	[0..1]	Text		996
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		996
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		997
	DataSetInitiator <DataSetInitr>	[0..1]	±		997
	TransactionTotals <TxTtls>	[1..*]			997
	POIGroupIdentification <POIGrpId>	[0..1]	Text		997

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		998
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	998
	<b>Type</b> <Tp>	[1..1]	CodeSet		998
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		998
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		998
	<b>RejectedTransaction</b> <RjctdTx>	[0..*]			999
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1004
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1004
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1004
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1005
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1005
	<b>Environment</b> <Envnt>	[1..1]			1005
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1010
	<b>Merchant</b> <Mrchnt>	[0..1]			1010
	<b>Identification</b> <Id>	[0..1]	±		1010
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1011
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1011
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1011
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1012
	<b>POI</b> <POI>	[0..1]			1012
	<b>Identification</b> <Id>	[1..1]	±		1012
	<b>SystemName</b> <SysNm>	[0..1]	Text		1013
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1013
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1013
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1014
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1014
	<b>Component</b> <Cmpnt>	[0..*]	±		1015
	<b>Card</b> <Card>	[0..1]			1017
	<b>ProtectedCardData</b> <PrctcdCardData>	[0..1]	±		1018
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1018
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1018

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1019
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1019
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1019
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1019
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1019
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1020
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1020
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1020
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1020
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1020
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1020
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1021
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1021
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1021
	<b>Wallet</b> <Wlt>	[0..1]	±		1021
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1021
	<b>Cardholder</b> <Crhdldr>	[0..1]			1022
	<b>Identification</b> <Id>	[0..1]			1026
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1026
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1026
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1027
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1027
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1027
	<b>SocialSecurityNumber</b> <ScsSctyNb>	[0..1]	Text		1027
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1027
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1027
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1027
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1027
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1028
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1028
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1028

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Department</b> <Dept>	[0..1]	Text		1028
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1028
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1028
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1028
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1029
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1029
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1029
	<b>Other</b> <Othr>	[0..*]	±		1029
	<b>Name</b> <Nm>	[0..1]	Text		1029
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1029
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1030
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1030
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1031
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1031
	<b>Authentication</b> <Authntcn>	[0..*]			1032
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1034
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1035
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1036
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1036
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1036
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1036
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1037
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1037
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1037
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1038
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1038
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1038
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1039
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1039
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1039
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1039

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1039
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1039
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1039
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1039
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1040
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1040
	<b>Department</b> <Dept>	[0..1]	Text		1040
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1040
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1040
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1040
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1040
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1041
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1041
	<b>Other</b> <Othr>	[0..*]	±		1041
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1041
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1041
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1042
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1042
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1042
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1042
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1042
	<b>Identification</b> <Id>	[1..1]	Text		1043
	<b>Value</b> <Val>	[0..1]	Binary		1043
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1043
	<b>Type</b> <Tp>	[0..1]	Text		1043
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1043
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1044
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1045
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1045
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1045
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1046

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileData</b> <MobData>	[0..*]			1046
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1046
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1046
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1047
	<b>Geolocation</b> <Glctn>	[0..1]			1047
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1047
	<b>Latitude</b> <Lat>	[1..1]	Text		1047
	<b>Longitude</b> <Long>	[1..1]	Text		1047
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1048
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1048
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1048
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1048
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1048
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1049
	<b>IMSI</b> <IMSI>	[0..1]	Text		1049
	<b>IMEI</b> <IMEI>	[0..1]	Text		1049
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1049
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1049
	<b>Transaction</b> <Tx>	[1..1]			1050
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1050
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1050
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1050
	<b>SuspendedTransaction</b> <SspdTx>	[0..*]			1051
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1056
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1056
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1056
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1057
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1057
	<b>Environment</b> <Envt>	[1..1]			1057
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1062
	<b>Merchant</b> <Mrchnt>	[0..1]			1062

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1062
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1063
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1063
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1063
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1064
	<b>POI</b> <POI>	[0..1]			1064
	<b>Identification</b> <Id>	[1..1]	±		1064
	<b>SystemName</b> <SysNm>	[0..1]	Text		1065
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1065
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1065
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1066
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1066
	<b>Component</b> <Cmpnt>	[0..*]	±		1067
	<b>Card</b> <Card>	[0..1]			1069
	<b>ProtectedCardData</b> <PrctcdCardData>	[0..1]	±		1070
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1070
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1070
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1071
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1071
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1071
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1071
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1071
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1072
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1072
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1072
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1072
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1072
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1072
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1073
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1073
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1073

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Wallet</b> <Wlt>	[0..1]	±		1073
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1073
	<b>Cardholder</b> <Crhdldr>	[0..1]			1074
	<b>Identification</b> <Id>	[0..1]			1078
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1078
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1078
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1079
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1079
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1079
	<b>SocialSecurityNumber</b> <ScsSctyNb>	[0..1]	Text		1079
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1079
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1079
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1079
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1079
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1080
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1080
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1080
	<b>Department</b> <Dept>	[0..1]	Text		1080
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1080
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1080
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1080
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1081
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1081
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1081
	<b>Other</b> <Othr>	[0..*]	±		1081
	<b>Name</b> <Nm>	[0..1]	Text		1081
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1081
	<b>BillingAddress</b> <BlgAdr>	[0..1]	±		1082
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1082
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1083
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1083



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Authentication</b> <Authntcn>	[0..*]			1084
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1086
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1087
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1088
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1088
	<b>CardholderOnLinePIN</b> <CrthldrOnLinePIN>	[0..1]			1088
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1088
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1089
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1089
	<b>CardholderIdentification</b> <Crthldrld>	[0..1]			1089
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1090
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1090
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1090
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1091
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1091
	<b>SocialSecurityNumber</b> <ScIscItyNb>	[0..1]	Text		1091
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1091
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1091
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1091
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1091
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1091
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1092
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1092
	<b>Department</b> <Dept>	[0..1]	Text		1092
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1092
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1092
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1092
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1092
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1093
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1093
	<b>Other</b> <Othr>	[0..*]	±		1093

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1093
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1093
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1094
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1094
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1094
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1094
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1094
	<b>Identification</b> <Id>	[1..1]	Text		1095
	<b>Value</b> <Val>	[0..1]	Binary		1095
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1095
	<b>Type</b> <Tp>	[0..1]	Text		1095
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1095
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1096
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1097
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1097
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1097
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1098
	<b>MobileData</b> <MobData>	[0..*]			1098
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1098
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1098
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1099
	<b>Geolocation</b> <Glctn>	[0..1]			1099
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1099
	<b>Latitude</b> <Lat>	[1..1]	Text		1099
	<b>Longitude</b> <Long>	[1..1]	Text		1099
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1100
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1100
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1100
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1100
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1100
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1101

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>IMSI</b> <IMSI>	[0..1]	Text		1101
	<b>IMEI</b> <IMEI>	[0..1]	Text		1101
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1101
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1101
	<b>Transaction</b> <Tx>	[1..1]			1102
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1102
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1102
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1102
	<b>ResumedApproval</b> <RsmndApprvl>	[0..*]			1103
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1108
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1108
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1108
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1109
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1109
	<b>Environment</b> <Envnt>	[1..1]			1109
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1114
	<b>Merchant</b> <Mrchnt>	[0..1]			1114
	<b>Identification</b> <Id>	[0..1]	±		1114
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1115
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1115
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1115
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1116
	<b>POI</b> <POI>	[0..1]			1116
	<b>Identification</b> <Id>	[1..1]	±		1116
	<b>SystemName</b> <SysNm>	[0..1]	Text		1117
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1117
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1117
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1118
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1118
	<b>Component</b> <Cmpnt>	[0..*]	±		1119
	<b>Card</b> <Card>	[0..1]			1121

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1122
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1122
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1122
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1123
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1123
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1123
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1123
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1123
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1124
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1124
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1124
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1124
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1124
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1124
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1125
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1125
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1125
	<b>Wallet</b> <Wlt>	[0..1]	±		1125
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1125
	<b>Cardholder</b> <Crhdldr>	[0..1]			1126
	<b>Identification</b> <Id>	[0..1]			1130
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1130
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1130
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1131
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1131
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1131
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1131
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1131
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1131
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1131
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1131

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1132
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1132
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1132
	<b>Department</b> <Dept>	[0..1]	Text		1132
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1132
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1132
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1132
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1133
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1133
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1133
	<b>Other</b> <Othr>	[0..*]	±		1133
	<b>Name</b> <Nm>	[0..1]	Text		1133
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1133
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1134
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1134
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1135
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1135
	<b>Authentication</b> <Authntcn>	[0..*]			1136
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1138
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1139
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1140
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1140
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1140
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1140
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1141
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1141
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			1141
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1142
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1142
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1142
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1143

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1143
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		1143
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1143
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1143
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1143
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1143
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1143
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1144
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1144
	<b>Department</b> <Dept>	[0..1]	Text		1144
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1144
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1144
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1144
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1144
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1145
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1145
	<b>Other</b> <Othr>	[0..*]	±		1145
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1145
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1145
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1146
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1146
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1146
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1146
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1146
	<b>Identification</b> <Id>	[1..1]	Text		1147
	<b>Value</b> <Val>	[0..1]	Binary		1147
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1147
	<b>Type</b> <Tp>	[0..1]	Text		1147
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1147
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1148
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1149

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1149
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1149
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1150
	<b>MobileData</b> <MobData>	[0..*]			1150
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1150
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1150
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1151
	<b>Geolocation</b> <Glctn>	[0..1]			1151
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1151
	<b>Latitude</b> <Lat>	[1..1]	Text		1151
	<b>Longitude</b> <Long>	[1..1]	Text		1151
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1152
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1152
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1152
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1152
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1152
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1153
	<b>IMSI</b> <IMSI>	[0..1]	Text		1153
	<b>IMEI</b> <IMEI>	[0..1]	Text		1153
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1153
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1153
	<b>Transaction</b> <Tx>	[1..1]			1154
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1154
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1154
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1154
	<b>ResumedRejection</b> <RsmRjctn>	[0..*]			1155
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1160
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1160
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1160
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1161
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1161

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]			1161
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1166
	<b>Merchant</b> <Mrchnt>	[0..1]			1166
	<b>Identification</b> <Id>	[0..1]	±		1166
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1167
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1167
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1167
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1168
	<b>POI</b> <POI>	[0..1]			1168
	<b>Identification</b> <Id>	[1..1]	±		1168
	<b>SystemName</b> <SysNm>	[0..1]	Text		1169
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1169
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1169
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1170
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1170
	<b>Component</b> <Cmpnt>	[0..*]	±		1171
	<b>Card</b> <Card>	[0..1]			1173
	<b>ProtectedCardData</b> <PrctcdCardData>	[0..1]	±		1174
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1174
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1174
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1175
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1175
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1175
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1175
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1175
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1176
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1176
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1176
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1176
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1176
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1176



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1177
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1177
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1177
	<b>Wallet</b> <Wlt>	[0..1]	±		1177
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1177
	<b>Cardholder</b> <Crhdldr>	[0..1]			1178
	<b>Identification</b> <Id>	[0..1]			1182
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1182
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1182
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1183
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1183
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1183
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1183
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1183
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1183
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1183
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1183
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1184
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1184
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1184
	<b>Department</b> <Dept>	[0..1]	Text		1184
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1184
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1184
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1184
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1185
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1185
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1185
	<b>Other</b> <Othr>	[0..*]	±		1185
	<b>Name</b> <Nm>	[0..1]	Text		1185
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1185
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1186

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1186
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1187
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1187
	<b>Authentication</b> <Authntcn>	[0..*]			1188
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1190
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1191
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1192
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1192
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1192
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1192
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1193
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1193
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			1193
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1194
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1194
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1194
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1195
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1195
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1195
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1195
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1195
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1195
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1195
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1195
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1196
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1196
	<b>Department</b> <Dept>	[0..1]	Text		1196
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1196
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1196
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1196
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1196

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1197
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1197
	<b>Other</b> <Othr>	[0..*]	±		1197
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1197
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1197
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1198
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1198
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1198
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1198
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1198
	<b>Identification</b> <Id>	[1..1]	Text		1199
	<b>Value</b> <Val>	[0..1]	Binary		1199
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1199
	<b>Type</b> <Tp>	[0..1]	Text		1199
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1199
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1200
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1201
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1201
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1201
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1202
	<b>MobileData</b> <MobData>	[0..*]			1202
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1202
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1202
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1203
	<b>Geolocation</b> <Glctn>	[0..1]			1203
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1203
	<b>Latitude</b> <Lat>	[1..1]	Text		1203
	<b>Longitude</b> <Long>	[1..1]	Text		1203
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1204
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1204
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1204

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMNorthward</b> <UTMNrthwrd>	[1..1]	Text		1204
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1204
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1205
	<b>IMSI</b> <IMSI>	[0..1]	Text		1205
	<b>IMEI</b> <IMEI>	[0..1]	Text		1205
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1205
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1205
	<b>Transaction</b> <Tx>	[1..1]			1206
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1206
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1206
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1206
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			1207
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1207
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1207

## 13.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### C2 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C3 ValidationByTable

Must be a valid terrestrial language.

## 13.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 13.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Capture advice response message management information.

**Header <Hdr>** contains the following **Header56** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DownloadTransfer</b> <DwnldTrf>	[1..1]	Indicator		953
	<b>FormatVersion</b> <FrmtVrsn>	[1..1]	Text		953
	<b>Exchangeldentification</b> <Xchgld>	[1..1]	Quantity		953
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		953
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		953
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		954

#### 13.4.1.1 DownloadTransfer <DwnldTrf>

*Presence:* [1..1]

*Definition:* Indicates if the file transfer is a download or an upload.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 13.4.1.2 FormatVersion <FrmtVrsn>

*Presence:* [1..1]

*Definition:* Version of file format.

*Datatype:* ["Max6Text" on page 2427](#)

#### 13.4.1.3 Exchangeldentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* ["Number" on page 2423](#)

#### 13.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the file or message was created.

*Datatype:* ["ISODatetime" on page 2420](#)

#### 13.4.1.5 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "[GenericIdentification176](#)" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

### 13.4.1.6 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

### 13.4.2 BatchTransferResponse <BtchTrfRspn>

*Presence:* [1..1]

*Definition:* Information related to the previously sent set of transaction.

**BatchTransferResponse <BtchTrfRspn>** contains the following  
**CardPaymentBatchTransferResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionTotals</b> <TxTtls>	[0..*]			974
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		974
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		974
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	974
	<b>Type</b> <Tp>	[1..1]	CodeSet		975
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		975
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		975
	<b>DataSet</b> <DataSet>	[0..*]			975
	<b>DataSetIdentification</b> <DataSetId>	[1..1]			994
	<b>Name</b> <Nm>	[1..1]	Text		995
	<b>Type</b> <Tp>	[1..1]	CodeSet		995
	<b>Version</b> <Vrsn>	[0..1]	Text		995
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		996
	<b>DataSetResult</b> <DataSetRslt>	[1..1]			996
	<b>Response</b> <Rspn>	[1..1]	CodeSet		996
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		996
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		996
	<b>RemoveDataSet</b> <RmvDataSet>	[1..1]	Indicator		997
	<b>DataSetInitiator</b> <DataSetInitr>	[0..1]	±		997
	<b>TransactionTotals</b> <TxTtls>	[1..*]			997
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		997
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		998
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	998
	<b>Type</b> <Tp>	[1..1]	CodeSet		998
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		998
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		998
	<b>RejectedTransaction</b> <RjctdTx>	[0..*]			999
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1004
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1004
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1004

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1005
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1005
	<b>Environment</b> <Envt>	[1..1]			1005
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1010
	<b>Merchant</b> <Mrchnt>	[0..1]			1010
	<b>Identification</b> <Id>	[0..1]	±		1010
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1011
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1011
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1011
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1012
	<b>POI</b> <POI>	[0..1]			1012
	<b>Identification</b> <Id>	[1..1]	±		1012
	<b>SystemName</b> <SysNm>	[0..1]	Text		1013
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1013
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		1013
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1014
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1014
	<b>Component</b> <Cmpnt>	[0..*]	±		1015
	<b>Card</b> <Card>	[0..1]			1017
	<b>ProtectedCardData</b> <PrctcdCardData>	[0..1]	±		1018
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1018
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1018
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1019
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1019
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1019
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1019
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1019
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1020
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1020
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1020
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1020



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1020
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1020
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1021
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1021
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1021
	<b>Wallet</b> <Wlft>	[0..1]	±		1021
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1021
	<b>Cardholder</b> <Crhdldr>	[0..1]			1022
	<b>Identification</b> <Id>	[0..1]			1026
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1026
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1026
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1027
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1027
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1027
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1027
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1027
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1027
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1027
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1027
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1028
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1028
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1028
	<b>Department</b> <Dept>	[0..1]	Text		1028
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1028
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1028
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1028
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1029
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1029
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1029
	<b>Other</b> <Othr>	[0..*]	±		1029
	<b>Name</b> <Nm>	[0..1]	Text		1029

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1029
	<b>BillingAddress</b> <BlgAdr>	[0..1]	±		1030
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1030
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1031
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1031
	<b>Authentication</b> <Authntcn>	[0..*]			1032
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1034
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1035
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1036
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1036
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1036
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1036
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1037
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1037
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			1037
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1038
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1038
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1038
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1039
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1039
	<b>SocialSecurityNumber</b> <ScISctyNb>	[0..1]	Text		1039
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1039
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1039
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1039
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1039
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1039
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1040
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1040
	<b>Department</b> <Dept>	[0..1]	Text		1040
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1040
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1040

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1040
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1040
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1041
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1041
	<b>Other</b> <Othr>	[0..*]	±		1041
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1041
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1041
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1042
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1042
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1042
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1042
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1042
	<b>Identification</b> <Id>	[1..1]	Text		1043
	<b>Value</b> <Val>	[0..1]	Binary		1043
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1043
	<b>Type</b> <Tp>	[0..1]	Text		1043
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1043
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1044
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1045
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1045
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1045
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1046
	<b>MobileData</b> <MobData>	[0..*]			1046
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1046
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1046
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1047
	<b>Geolocation</b> <Glctn>	[0..1]			1047
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1047
	<b>Latitude</b> <Lat>	[1..1]	Text		1047
	<b>Longitude</b> <Long>	[1..1]	Text		1047
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1048

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1048
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1048
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1048
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1048
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1049
	<b>IMSI</b> <IMSI>	[0..1]	Text		1049
	<b>IMEI</b> <IMEI>	[0..1]	Text		1049
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1049
	<b>ProtectedCardholderData</b> <PrtctdCrdrhldrData>	[0..1]	±		1049
	<b>Transaction</b> <Tx>	[1..1]			1050
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1050
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1050
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1050
	<b>SuspendedTransaction</b> <SspdTx>	[0..*]			1051
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1056
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1056
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1056
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1057
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1057
	<b>Environment</b> <Envt>	[1..1]			1057
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1062
	<b>Merchant</b> <Mrchnt>	[0..1]			1062
	<b>Identification</b> <Id>	[0..1]	±		1062
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1063
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1063
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1063
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1064
	<b>POI</b> <POI>	[0..1]			1064
	<b>Identification</b> <Id>	[1..1]	±		1064
	<b>SystemName</b> <SysNm>	[0..1]	Text		1065
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1065
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1066
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1066
	<b>Component</b> <Cmpnt>	[0..*]	±		1067
	<b>Card</b> <Card>	[0..1]			1069
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1070
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1070
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1070
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1071
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1071
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1071
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1071
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1071
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1072
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1072
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1072
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1072
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1072
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1072
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1073
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1073
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1073
	<b>Wallet</b> <WlIt>	[0..1]	±		1073
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1073
	<b>Cardholder</b> <Crdhldr>	[0..1]			1074
	<b>Identification</b> <Id>	[0..1]			1078
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1078
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1078
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1079
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1079
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1079
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1079
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1079
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1079
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1079
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1080
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1080
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1080
	<b>Department</b> <Dept>	[0..1]	Text		1080
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1080
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1080
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1080
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1081
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1081
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1081
	<b>Other</b> <Othr>	[0..*]	±		1081
	<b>Name</b> <Nm>	[0..1]	Text		1081
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1081
	<b>BillingAddress</b> <BlgAdr>	[0..1]	±		1082
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1082
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1083
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1083
	<b>Authentication</b> <Authntcn>	[0..*]			1084
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1086
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1087
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1088
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1088
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1088
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1088
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1089
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1089

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardholderIdentification</b> <CrhdhldId>	[0..1]			1089
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1090
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1090
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1090
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1091
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1091
	<b>SocialSecurityNumber</b> <ScISctyNb>	[0..1]	Text		1091
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1091
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1091
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1091
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1091
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1091
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1092
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1092
	<b>Department</b> <Dept>	[0..1]	Text		1092
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1092
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1092
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1092
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1092
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1093
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1093
	<b>Other</b> <Othr>	[0..*]	±		1093
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1093
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1093
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1094
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1094
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1094
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1094
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1094
	<b>Identification</b> <Id>	[1..1]	Text		1095
	<b>Value</b> <Val>	[0..1]	Binary		1095

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		1095
	<b>Type</b> <Tp>	[0..1]	Text		1095
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1095
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1096
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1097
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1097
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1097
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1098
	<b>MobileData</b> <MobData>	[0..*]			1098
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1098
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1098
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1099
	<b>Geolocation</b> <Glctn>	[0..1]			1099
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1099
	<b>Latitude</b> <Lat>	[1..1]	Text		1099
	<b>Longitude</b> <Long>	[1..1]	Text		1099
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1100
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1100
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1100
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1100
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1100
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1101
	<b>IMSI</b> <IMSI>	[0..1]	Text		1101
	<b>IMEI</b> <IMEI>	[0..1]	Text		1101
	<b>ProtectedMobileData</b> <PrctdMobData>	[0..1]	±		1101
	<b>ProtectedCardholderData</b> <PrctdCrdrhldrData>	[0..1]	±		1101
	<b>Transaction</b> <Tx>	[1..1]			1102
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1102
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1102
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1102
	<b>ResumedApproval</b> <RsmndApprvl>	[0..*]			1103



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1108
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1108
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1108
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1109
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1109
	<b>Environment</b> <Envnt>	[1..1]			1109
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1114
	<b>Merchant</b> <Mrchnt>	[0..1]			1114
	<b>Identification</b> <Id>	[0..1]	±		1114
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1115
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1115
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1115
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1116
	<b>POI</b> <POI>	[0..1]			1116
	<b>Identification</b> <Id>	[1..1]	±		1116
	<b>SystemName</b> <SysNm>	[0..1]	Text		1117
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1117
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1117
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1118
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1118
	<b>Component</b> <Cmpnt>	[0..*]	±		1119
	<b>Card</b> <Card>	[0..1]			1121
	<b>ProtectedCardData</b> <PrctcdCardData>	[0..1]	±		1122
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1122
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1122
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1123
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1123
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1123
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1123
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1123
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1124

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1124
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1124
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1124
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1124
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1124
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1125
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1125
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1125
	<b>Wallet</b> <Wlt>	[0..1]	±		1125
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1125
	<b>Cardholder</b> <Crdhldr>	[0..1]			1126
	<b>Identification</b> <Id>	[0..1]			1130
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1130
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1130
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1131
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1131
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1131
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1131
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1131
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1131
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1131
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1131
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1132
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1132
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1132
	<b>Department</b> <Dept>	[0..1]	Text		1132
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1132
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1132
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1132
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1133
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1133

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1133
	<b>Other</b> <Othr>	[0..*]	±		1133
	<b>Name</b> <Nm>	[0..1]	Text		1133
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1133
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1134
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1134
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1135
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1135
	<b>Authentication</b> <Authntcn>	[0..*]			1136
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1138
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1139
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1140
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1140
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1140
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1140
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1141
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1141
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			1141
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1142
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1142
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1142
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1143
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1143
	<b>SocialSecurityNumber</b> <ScIScyNb>	[0..1]	Text		1143
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1143
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1143
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1143
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1143
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1143
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1144
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1144

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Department</b> <Dept>	[0..1]	Text		1144
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1144
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1144
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1144
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1144
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1145
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1145
	<b>Other</b> <Othr>	[0..*]	±		1145
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1145
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1145
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1146
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1146
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1146
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1146
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1146
	<b>Identification</b> <Id>	[1..1]	Text		1147
	<b>Value</b> <Val>	[0..1]	Binary		1147
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1147
	<b>Type</b> <Tp>	[0..1]	Text		1147
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1147
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1148
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1149
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1149
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1149
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1150
	<b>MobileData</b> <MobData>	[0..*]			1150
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1150
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1150
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1151
	<b>Geolocation</b> <Glctn>	[0..1]			1151
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1151

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1151
	<b>Longitude</b> <Long>	[1..1]	Text		1151
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1152
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1152
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1152
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1152
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1152
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1153
	<b>IMSI</b> <IMSI>	[0..1]	Text		1153
	<b>IMEI</b> <IMEI>	[0..1]	Text		1153
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1153
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1153
	<b>Transaction</b> <Tx>	[1..1]			1154
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1154
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1154
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1154
	<b>ResumedRejection</b> <RsmdRjctn>	[0..*]			1155
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1160
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1160
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1160
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1161
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1161
	<b>Environment</b> <Env>	[1..1]			1161
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1166
	<b>Merchant</b> <Mrchnt>	[0..1]			1166
	<b>Identification</b> <Id>	[0..1]	±		1166
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1167
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1167
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1167
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1168
	<b>POI</b> <POI>	[0..1]			1168

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1168
	<b>SystemName</b> <SysNm>	[0..1]	Text		1169
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1169
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1169
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1170
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1170
	<b>Component</b> <Cmpnt>	[0..*]	±		1171
	<b>Card</b> <Card>	[0..1]			1173
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1174
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1174
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1174
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1175
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1175
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1175
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1175
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1175
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1176
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1176
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1176
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1176
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1176
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1176
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1177
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1177
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1177
	<b>Wallet</b> <Wlft>	[0..1]	±		1177
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1177
	<b>Cardholder</b> <Crhdldr>	[0..1]			1178
	<b>Identification</b> <Id>	[0..1]			1182
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1182
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1182

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1183
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1183
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1183
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1183
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1183
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1183
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1183
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1183
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1184
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1184
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1184
	<b>Department</b> <Dept>	[0..1]	Text		1184
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1184
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1184
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1184
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1185
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1185
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1185
	<b>Other</b> <Othr>	[0..*]	±		1185
	<b>Name</b> <Nm>	[0..1]	Text		1185
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1185
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1186
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1186
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1187
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1187
	<b>Authentication</b> <Authntcn>	[0..*]			1188
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1190
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1191
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1192
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1192
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1192

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1192
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1193
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1193
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1193
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1194
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1194
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1194
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1195
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1195
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1195
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1195
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1195
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1195
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1195
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1195
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1196
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1196
	<b>Department</b> <Dept>	[0..1]	Text		1196
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1196
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1196
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1196
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1196
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1197
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1197
	<b>Other</b> <Othr>	[0..*]	±		1197
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1197
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1197
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1198
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1198
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1198
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1198



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1198
	<b>Identification</b> <Id>	[1..1]	Text		1199
	<b>Value</b> <Val>	[0..1]	Binary		1199
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1199
	<b>Type</b> <Tp>	[0..1]	Text		1199
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1199
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1200
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1201
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1201
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1201
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1202
	<b>MobileData</b> <MobData>	[0..*]			1202
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1202
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1202
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1203
	<b>Geolocation</b> <Glctn>	[0..1]			1203
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1203
	<b>Latitude</b> <Lat>	[1..1]	Text		1203
	<b>Longitude</b> <Long>	[1..1]	Text		1203
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1204
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1204
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1204
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1204
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1204
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1205
	<b>IMSI</b> <IMSI>	[0..1]	Text		1205
	<b>IMEI</b> <IMEI>	[0..1]	Text		1205
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1205
	<b>ProtectedCardholderData</b> <PrtctdCrhldrData>	[0..1]	±		1205
	<b>Transaction</b> <Tx>	[1..1]			1206
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1206

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1206
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1206

### 13.4.2.1 TransactionTotals <TxTtls>

*Presence:* [0..\*]

*Definition:* Totals of transactions of all the data sets.

**TransactionTotals** <TxTtls> contains the following **TransactionTotals7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		974
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		974
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	974
	<b>Type</b> <Tp>	[1..1]	CodeSet		975
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		975
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		975

#### 13.4.2.1.1 POIGroupIdentification <POIGrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.1.2 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Category of cards related the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.1.3 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction totals.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 13.4.2.1.4 Type <Tp>

*Presence:* [1..1]

*Definition:* Identification of the type of transaction.

*Datatype:* "TypeTransactionTotals2Code" on page 2417

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

#### 13.4.2.1.5 TotalNumber <TtINb>

*Presence:* [1..1]

*Definition:* Total number of transactions during a reconciliation period.

*Datatype:* "Number" on page 2423

#### 13.4.2.1.6 CumulativeAmount <CmltvAmt>

*Presence:* [1..1]

*Definition:* Total amount of a collection of transactions.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 13.4.2.2 DataSet <DataSet>

*Presence:* [0..\*]

*Definition:* Information related to the previously sent set of transaction.

**DataSet** <DataSet> contains the following **CardPaymentDataSet24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DataSetIdentification</b> <DataSetId>	[1..1]			994
	<b>Name</b> <Nm>	[1..1]	Text		995
	<b>Type</b> <Tp>	[1..1]	CodeSet		995
	<b>Version</b> <Vrsn>	[0..1]	Text		995
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		996
	<b>DataSetResult</b> <DataSetRslt>	[1..1]			996
	<b>Response</b> <Rspn>	[1..1]	CodeSet		996
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		996
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		996
	<b>RemoveDataSet</b> <RmvDataSet>	[1..1]	Indicator		997
	<b>DataSetInitiator</b> <DataSetInitr>	[0..1]	±		997
	<b>TransactionTotals</b> <TxTtls>	[1..*]			997
	<b>POIGroupIdentification</b> <POIGrpld>	[0..1]	Text		997
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		998
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	998
	<b>Type</b> <Tp>	[1..1]	CodeSet		998
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		998
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		998
	<b>RejectedTransaction</b> <RjctdTx>	[0..*]			999
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1004
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1004
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1004
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1005
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1005
	<b>Environment</b> <Envt>	[1..1]			1005
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1010
	<b>Merchant</b> <Mrchnt>	[0..1]			1010
	<b>Identification</b> <Id>	[0..1]	±		1010
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1011
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1011
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1011

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1012
	<b>POI</b> <POI>	[0..1]			1012
	<b>Identification</b> <Id>	[1..1]	±		1012
	<b>SystemName</b> <SysNm>	[0..1]	Text		1013
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		1013
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		1013
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1014
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1014
	<b>Component</b> <Cmpnt>	[0..*]	±		1015
	<b>Card</b> <Card>	[0..1]			1017
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1018
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1018
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1018
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1019
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1019
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1019
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1019
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1019
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1020
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1020
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1020
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1020
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1020
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1020
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1021
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1021
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1021
	<b>Wallet</b> <Wllt>	[0..1]	±		1021
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1021
	<b>Cardholder</b> <Crhdldr>	[0..1]			1022
	<b>Identification</b> <Id>	[0..1]			1026

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1026
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1026
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1027
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1027
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1027
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		1027
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1027
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1027
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1027
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1027
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1028
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1028
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1028
	<b>Department</b> <Dept>	[0..1]	Text		1028
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1028
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1028
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1028
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1029
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1029
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1029
	<b>Other</b> <Othr>	[0..*]	±		1029
	<b>Name</b> <Nm>	[0..1]	Text		1029
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1029
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1030
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1030
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1031
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1031
	<b>Authentication</b> <Authntcn>	[0..*]			1032
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1034
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1035
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1036

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1036
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1036
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1036
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1037
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1037
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1037
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1038
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1038
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1038
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1039
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1039
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1039
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1039
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1039
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1039
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1039
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1039
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1040
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1040
	<b>Department</b> <Dept>	[0..1]	Text		1040
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1040
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1040
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1040
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1040
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1041
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1041
	<b>Other</b> <Othr>	[0..*]	±		1041
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1041
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1041
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1042
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1042

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1042
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1042
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1042
	<b>Identification</b> <Id>	[1..1]	Text		1043
	<b>Value</b> <Val>	[0..1]	Binary		1043
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1043
	<b>Type</b> <Tp>	[0..1]	Text		1043
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1043
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1044
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1045
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1045
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1045
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1046
	<b>MobileData</b> <MobData>	[0..*]			1046
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1046
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1046
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1047
	<b>Geolocation</b> <Glctn>	[0..1]			1047
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1047
	<b>Latitude</b> <Lat>	[1..1]	Text		1047
	<b>Longitude</b> <Long>	[1..1]	Text		1047
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1048
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1048
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1048
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1048
	<b>SensitiveMobileData</b> <SnstivMobData>	[0..1]			1048
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1049
	<b>IMSI</b> <IMSI>	[0..1]	Text		1049
	<b>IMEI</b> <IMEI>	[0..1]	Text		1049
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1049
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1049



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Transaction</b> <Tx>	[1..1]			1050
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1050
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1050
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1050
	<b>SuspendedTransaction</b> <SspdTx>	[0..*]			1051
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1056
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1056
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1056
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1057
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1057
	<b>Environment</b> <Envt>	[1..1]			1057
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1062
	<b>Merchant</b> <Mrchnt>	[0..1]			1062
	<b>Identification</b> <Id>	[0..1]	±		1062
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1063
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1063
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1063
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1064
	<b>POI</b> <POI>	[0..1]			1064
	<b>Identification</b> <Id>	[1..1]	±		1064
	<b>SystemName</b> <SysNm>	[0..1]	Text		1065
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		1065
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1065
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1066
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1066
	<b>Component</b> <Cmpnt>	[0..*]	±		1067
	<b>Card</b> <Card>	[0..1]			1069
	<b>ProtectedCardData</b> <PrctcdCardData>	[0..1]	±		1070
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1070
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1070
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1071

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1071
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1071
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1071
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1071
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1072
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1072
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1072
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1072
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1072
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1072
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1073
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1073
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1073
	<b>Wallet</b> <Wlt>	[0..1]	±		1073
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1073
	<b>Cardholder</b> <Crdhldr>	[0..1]			1074
	<b>Identification</b> <Id>	[0..1]			1078
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1078
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1078
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1079
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1079
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1079
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		1079
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1079
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1079
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1079
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1079
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1080
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1080
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1080
	<b>Department</b> <Dept>	[0..1]	Text		1080

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1080
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1080
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1080
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1081
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1081
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1081
	<b>Other</b> <Othr>	[0..*]	±		1081
	<b>Name</b> <Nm>	[0..1]	Text		1081
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1081
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1082
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1082
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1083
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1083
	<b>Authentication</b> <Authntcn>	[0..*]			1084
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1086
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1087
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1088
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1088
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1088
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1088
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1089
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1089
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1089
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1090
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1090
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1090
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1091
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1091
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1091
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1091
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1091

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1091
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1091
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1091
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1092
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1092
	<b>Department</b> <Dept>	[0..1]	Text		1092
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1092
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1092
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1092
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1092
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1093
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1093
	<b>Other</b> <Othr>	[0..*]	±		1093
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1093
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1093
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1094
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1094
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1094
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1094
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1094
	<b>Identification</b> <Id>	[1..1]	Text		1095
	<b>Value</b> <Val>	[0..1]	Binary		1095
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1095
	<b>Type</b> <Tp>	[0..1]	Text		1095
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1095
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1096
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1097
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1097
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1097
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1098
	<b>MobileData</b> <MobData>	[0..*]			1098

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1098
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1098
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1099
	<b>Geolocation</b> <Glctn>	[0..1]			1099
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1099
	<b>Latitude</b> <Lat>	[1..1]	Text		1099
	<b>Longitude</b> <Long>	[1..1]	Text		1099
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1100
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1100
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1100
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1100
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1100
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1101
	<b>IMSI</b> <IMSI>	[0..1]	Text		1101
	<b>IMEI</b> <IMEI>	[0..1]	Text		1101
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1101
	<b>ProtectedCardholderData</b> <PrctcdCrdrhldrData>	[0..1]	±		1101
	<b>Transaction</b> <Tx>	[1..1]			1102
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1102
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1102
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1102
	<b>ResumedApproval</b> <RsmdApprvl>	[0..*]			1103
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1108
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1108
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1108
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1109
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1109
	<b>Environment</b> <Envnt>	[1..1]			1109
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1114
	<b>Merchant</b> <Mrchnt>	[0..1]			1114
	<b>Identification</b> <Id>	[0..1]	±		1114

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1115
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1115
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1115
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1116
	<b>POI</b> <POI>	[0..1]			1116
	<b>Identification</b> <Id>	[1..1]	±		1116
	<b>SystemName</b> <SysNm>	[0..1]	Text		1117
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		1117
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1117
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1118
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1118
	<b>Component</b> <Cmpnt>	[0..*]	±		1119
	<b>Card</b> <Card>	[0..1]			1121
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1122
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1122
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1122
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1123
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1123
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1123
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1123
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1123
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1124
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1124
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1124
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1124
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1124
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1124
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1125
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1125
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1125
	<b>Wallet</b> <Wlt>	[0..1]	±		1125

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1125
	<b>Cardholder</b> <Crhdldr>	[0..1]			1126
	<b>Identification</b> <Id>	[0..1]			1130
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1130
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1130
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1131
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1131
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1131
	<b>SocialSecurityNumber</b> <ScIStyNb>	[0..1]	Text		1131
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1131
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1131
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1131
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1131
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1132
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1132
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1132
	<b>Department</b> <Dept>	[0..1]	Text		1132
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1132
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1132
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1132
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1133
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1133
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1133
	<b>Other</b> <Othr>	[0..*]	±		1133
	<b>Name</b> <Nm>	[0..1]	Text		1133
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1133
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1134
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1134
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1135
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1135
	<b>Authentication</b> <Authntcn>	[0..*]			1136

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1138
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1139
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1140
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1140
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1140
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1140
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1141
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1141
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			1141
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1142
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1142
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1142
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1143
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1143
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1143
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1143
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1143
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1143
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1143
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1143
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1144
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1144
	<b>Department</b> <Dept>	[0..1]	Text		1144
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1144
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1144
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1144
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1144
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1145
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1145
	<b>Other</b> <Othr>	[0..*]	±		1145
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1145



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1145
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1146
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1146
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1146
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1146
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1146
	<b>Identification</b> <Id>	[1..1]	Text		1147
	<b>Value</b> <Val>	[0..1]	Binary		1147
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1147
	<b>Type</b> <Tp>	[0..1]	Text		1147
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1147
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1148
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1149
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1149
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1149
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1150
	<b>MobileData</b> <MobData>	[0..*]			1150
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1150
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1150
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1151
	<b>Geolocation</b> <Glctn>	[0..1]			1151
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1151
	<b>Latitude</b> <Lat>	[1..1]	Text		1151
	<b>Longitude</b> <Long>	[1..1]	Text		1151
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1152
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1152
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1152
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1152
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1152
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1153
	<b>IMSI</b> <IMSI>	[0..1]	Text		1153

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>IMEI</b> <IMEI>	[0..1]	Text		1153
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1153
	<b>ProtectedCardholderData</b> <PrctcdCrdrhldrData>	[0..1]	±		1153
	<b>Transaction</b> <Tx>	[1..1]			1154
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1154
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1154
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1154
	<b>ResumedRejection</b> <RsmrdRjctn>	[0..*]			1155
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1160
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1160
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1160
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1161
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1161
	<b>Environment</b> <Envnt>	[1..1]			1161
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1166
	<b>Merchant</b> <Mrchnt>	[0..1]			1166
	<b>Identification</b> <Id>	[0..1]	±		1166
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1167
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1167
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1167
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1168
	<b>POI</b> <POI>	[0..1]			1168
	<b>Identification</b> <Id>	[1..1]	±		1168
	<b>SystemName</b> <SysNm>	[0..1]	Text		1169
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		1169
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1169
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1170
	<b>TerminalIntegration</b> <TermnlIntgtgn>	[0..1]	CodeSet		1170
	<b>Component</b> <Cmpnt>	[0..*]	±		1171
	<b>Card</b> <Card>	[0..1]			1173
	<b>ProtectedCardData</b> <PrctcdCardData>	[0..1]	±		1174

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1174
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1174
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1175
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1175
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1175
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1175
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1175
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1176
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1176
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1176
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1176
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1176
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1176
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1177
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1177
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1177
	<b>Wallet</b> <Wlt>	[0..1]	±		1177
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1177
	<b>Cardholder</b> <Crdhldr>	[0..1]			1178
	<b>Identification</b> <Id>	[0..1]			1182
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1182
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1182
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1183
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1183
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1183
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		1183
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1183
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1183
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1183
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1183
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1184

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1184
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1184
	<b>Department</b> <Dept>	[0..1]	Text		1184
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1184
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1184
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1184
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1185
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1185
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1185
	<b>Other</b> <Othr>	[0..*]	±		1185
	<b>Name</b> <Nm>	[0..1]	Text		1185
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1185
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1186
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1186
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1187
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1187
	<b>Authentication</b> <Authntcn>	[0..*]			1188
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1190
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1191
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1192
	<b>ProtectedAuthenticationValue</b> <PrtcdAuthntcnVal>	[0..1]	±		1192
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1192
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1192
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1193
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1193
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1193
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1194
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1194
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1194
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1195
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1195
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1195
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1195
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1195
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1195
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1195
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1196
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1196
	<b>Department</b> <Dept>	[0..1]	Text		1196
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1196
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1196
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1196
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1196
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1197
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1197
	<b>Other</b> <Othr>	[0..*]	±		1197
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1197
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1197
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1198
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1198
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1198
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1198
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1198
	<b>Identification</b> <Id>	[1..1]	Text		1199
	<b>Value</b> <Val>	[0..1]	Binary		1199
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1199
	<b>Type</b> <Tp>	[0..1]	Text		1199
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1199
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1200
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1201
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1201

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1201
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1202
	<b>MobileData</b> <MobData>	[0..*]			1202
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1202
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1202
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1203
	<b>Geolocation</b> <Glctn>	[0..1]			1203
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1203
	<b>Latitude</b> <Lat>	[1..1]	Text		1203
	<b>Longitude</b> <Long>	[1..1]	Text		1203
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1204
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1204
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1204
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1204
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1204
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1205
	<b>IMSI</b> <IMSI>	[0..1]	Text		1205
	<b>IMEI</b> <IMEI>	[0..1]	Text		1205
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1205
	<b>ProtectedCardholderData</b> <PrctcdCrdrhldrData>	[0..1]	±		1205
	<b>Transaction</b> <Tx>	[1..1]			1206
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1206
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1206
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1206

#### 13.4.2.2.1 DataSetIdentification <DataSetId>

*Presence:* [1..1]

*Definition:* Identification of the data set.

**DataSetIdentification** <DataSetId> contains the following **DataSetIdentification5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[1..1]	Text		995
	<b>Type</b> <Tp>	[1..1]	CodeSet		995
	<b>Version</b> <Vrsn>	[0..1]	Text		995
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		996

#### 13.4.2.2.1.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name of the data set.

*Datatype:* "Max256Text" on page 2425

#### 13.4.2.2.1.2 Type <Tp>

*Presence:* [1..1]

*Definition:* Category of data set.

*Datatype:* "DataSetCategory8Code" on page 2399

CodeName	Name	Definition
SWPK	SoftwareModule	Software module.
VDPR	VendorParameters	Point of interaction parameters defined by the manufacturer for instance the PIN verification capabilities.
AQPR	AcquirerParameters	Acquirer specific configuration parameters for the point of interaction (POI) system.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
TXCP	BatchCapture	Batch upload of transaction data (data capture of a group of transactions).
AKCP	CaptureResponse	Batch download response for the batch capture of transactions.
STRP	StatusReport	Report of software configuration and parameter status.
DLGT	DelegationData	Data needed to create a terminal management sub-domain.
MGTP	ManagementPlan	Configuration of management plan in the point of interaction.
RCLE	ReconciliationError	Batch of transaction that have generated an error in the totals of the reconciliation.

#### 13.4.2.2.1.3 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data set.

*Datatype:* "Max256Text" on page 2425

#### 13.4.2.2.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time of creation of the data set.

*Datatype:* "ISODateTime" on page 2420

#### 13.4.2.2.2 DataSetResult <DataSetRsIt>

*Presence:* [1..1]

*Definition:* Result of the data set capture.

**DataSetResult <DataSetRsIt>** contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		996
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		996
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		996

##### 13.4.2.2.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response9Code" on page 2415

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

##### 13.4.2.2.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424



### 13.4.2.2.3 RemoveDataSet <RmvDataSet>

*Presence:* [1..1]

*Definition:* Indicates if the data set must be removed from the POI (Point Of Interaction).

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

### 13.4.2.2.4 DataSetInitiator <DataSetInitr>

*Presence:* [0..1]

*Definition:* Initiator of the data set.

**DataSetInitiator <DataSetInitr>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

### 13.4.2.2.5 TransactionTotals <TxTtls>

*Presence:* [1..\*]

*Definition:* Transaction totals of the batch.

**TransactionTotals <TxTtls>** contains the following **TransactionTotals7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		997
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		998
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	998
	<b>Type</b> <Tp>	[1..1]	CodeSet		998
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		998
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		998

#### 13.4.2.2.5.1 POIGroupIdentification <POIGrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.5.2 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Category of cards related the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.5.3 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction totals.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 13.4.2.2.5.4 Type <Tp>

*Presence:* [1..1]

*Definition:* Identification of the type of transaction.

*Datatype:* "TypeTransactionTotals2Code" on page 2417

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

#### 13.4.2.2.5.5 TotalNumber <TtlNb>

*Presence:* [1..1]

*Definition:* Total number of transactions during a reconciliation period.

*Datatype:* "Number" on page 2423

#### 13.4.2.2.5.6 CumulativeAmount <CmltvAmt>

*Presence:* [1..1]

*Definition:* Total amount of a collection of transactions.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### **13.4.2.2.6 RejectedTransaction <RjctdTx>**

*Presence:* [0..\*]

*Definition:* Transaction in the batch, whose capture has been rejected.

**RejectedTransaction <RjctdTx>** contains the following **CardPaymentDataSet25** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1004
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1004
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1004
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1005
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1005
	<b>Environment</b> <Envnt>	[1..1]			1005
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1010
	<b>Merchant</b> <Mrchnt>	[0..1]			1010
	<b>Identification</b> <Id>	[0..1]	±		1010
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1011
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1011
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1011
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1012
	<b>POI</b> <POI>	[0..1]			1012
	<b>Identification</b> <Id>	[1..1]	±		1012
	<b>SystemName</b> <SysNm>	[0..1]	Text		1013
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1013
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		1013
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1014
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1014
	<b>Component</b> <Cmpnt>	[0..*]	±		1015
	<b>Card</b> <Card>	[0..1]			1017
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1018
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1018
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1018
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1019
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1019
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1019
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1019
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1019
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1020

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1020
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1020
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1020
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1020
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1020
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1021
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1021
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1021
	<b>Wallet</b> <Wlt>	[0..1]	±		1021
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1021
	<b>Cardholder</b> <Crhdlr>	[0..1]			1022
	<b>Identification</b> <Id>	[0..1]			1026
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1026
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1026
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1027
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1027
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1027
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1027
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1027
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1027
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1027
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1027
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1028
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1028
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1028
	<b>Department</b> <Dept>	[0..1]	Text		1028
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1028
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1028
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1028
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1029
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1029

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1029
	<b>Other</b> <Othr>	[0..*]	±		1029
	<b>Name</b> <Nm>	[0..1]	Text		1029
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1029
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1030
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1030
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1031
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1031
	<b>Authentication</b> <Authntcn>	[0..*]			1032
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1034
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1035
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1036
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1036
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1036
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1036
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1037
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1037
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1037
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1038
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1038
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1038
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1039
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1039
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1039
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1039
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1039
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1039
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1039
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1039
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1040
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1040

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Department</b> <Dept>	[0..1]	Text		1040
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1040
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1040
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1040
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1040
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1041
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1041
	<b>Other</b> <Othr>	[0..*]	±		1041
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1041
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1041
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1042
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1042
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1042
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1042
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1042
	<b>Identification</b> <Id>	[1..1]	Text		1043
	<b>Value</b> <Val>	[0..1]	Binary		1043
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1043
	<b>Type</b> <Tp>	[0..1]	Text		1043
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1043
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1044
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1045
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1045
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1045
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1046
	<b>MobileData</b> <MobData>	[0..*]			1046
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1046
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1046
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1047
	<b>Geolocation</b> <Glctn>	[0..1]			1047
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1047

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1047
	<b>Longitude</b> <Long>	[1..1]	Text		1047
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1048
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1048
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1048
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1048
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1048
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1049
	<b>IMSI</b> <IMSI>	[0..1]	Text		1049
	<b>IMEI</b> <IMEI>	[0..1]	Text		1049
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1049
	<b>ProtectedCardholderData</b> <PrctcdCrdrHldrData>	[0..1]	±		1049
	<b>Transaction</b> <Tx>	[1..1]			1050
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1050
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1050
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1050

#### 13.4.2.2.6.1 TransactionSequenceCounter <TxSeqCntr>

*Presence:* [1..1]

*Definition:* Sequential counter of the transaction.

*Datatype:* "Max9NumericText" on page 2428

#### 13.4.2.2.6.2 TransactionResponse <TxRspn>

*Presence:* [1..1]

*Definition:* Response to the capture of the transaction.

**TransactionResponse <TxRspn>** contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1004
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1005
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1005

#### 13.4.2.2.6.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.



*Datatype:* "Response9Code" on page 2415

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

#### 13.4.2.2.6.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

#### 13.4.2.2.6.3 Environment <Envt>

*Presence:* [1..1]

*Definition:* Data related to the environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1010
	<b>Merchant</b> <Mrchnt>	[0..1]			1010
	<b>Identification</b> <Id>	[0..1]	±		1010
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1011
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1011
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1011
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1012
	<b>POI</b> <POI>	[0..1]			1012
	<b>Identification</b> <Id>	[1..1]	±		1012
	<b>SystemName</b> <SysNm>	[0..1]	Text		1013
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1013
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1013
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1014
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1014
	<b>Component</b> <Cmpnt>	[0..*]	±		1015
	<b>Card</b> <Card>	[0..1]			1017
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1018
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1018
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1018
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1019
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1019
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1019
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1019
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1019
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1020
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1020
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1020
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1020
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1020
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1020
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1021

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1021
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1021
	<b>Wallet</b> <Wlt>	[0..1]	±		1021
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1021
	<b>Cardholder</b> <Crhdldr>	[0..1]			1022
	<b>Identification</b> <Id>	[0..1]			1026
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1026
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1026
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1027
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1027
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1027
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1027
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1027
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1027
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1027
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1027
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1028
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1028
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1028
	<b>Department</b> <Dept>	[0..1]	Text		1028
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1028
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1028
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1028
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1029
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1029
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1029
	<b>Other</b> <Othr>	[0..*]	±		1029
	<b>Name</b> <Nm>	[0..1]	Text		1029
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1029
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1030
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1030

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1031
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1031
	<b>Authentication</b> <Authntcn>	[0..*]			1032
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1034
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1035
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1036
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1036
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1036
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1036
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1037
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1037
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			1037
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1038
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1038
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1038
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1039
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1039
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1039
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1039
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1039
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1039
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1039
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1039
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1040
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1040
	<b>Department</b> <Dept>	[0..1]	Text		1040
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1040
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1040
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1040
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1040
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1041

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1041
	<b>Other</b> <Othr>	[0..*]	±		1041
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1041
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1041
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1042
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1042
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1042
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1042
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1042
	<b>Identification</b> <Id>	[1..1]	Text		1043
	<b>Value</b> <Val>	[0..1]	Binary		1043
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1043
	<b>Type</b> <Tp>	[0..1]	Text		1043
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1043
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1044
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1045
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1045
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1045
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1046
	<b>MobileData</b> <MobData>	[0..*]			1046
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1046
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1046
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1047
	<b>Geolocation</b> <Glctn>	[0..1]			1047
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1047
	<b>Latitude</b> <Lat>	[1..1]	Text		1047
	<b>Longitude</b> <Long>	[1..1]	Text		1047
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1048
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1048
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1048
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1048

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1048
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1049
	<b>IMSI</b> <IMSI>	[0..1]	Text		1049
	<b>IMEI</b> <IMEI>	[0..1]	Text		1049
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1049
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		1049

#### 13.4.2.2.6.3.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 13.4.2.2.6.3.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

*Usage:* In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1010
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1011
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1011
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1011
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1012

##### 13.4.2.2.6.3.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 13.4.2.2.6.3.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 13.4.2.2.6.3.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 13.4.2.2.6.3.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 13.4.2.2.6.3.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 13.4.2.2.6.3.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1012
	<b>SystemName</b> <SysNm>	[0..1]	Text		1013
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1013
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1013
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1014
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1014
	<b>Component</b> <Cmpnt>	[0..*]	±		1015

#### 13.4.2.2.6.3.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.



**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 13.4.2.2.6.3.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 13.4.2.2.6.3.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 13.4.2.2.6.3.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 13.4.2.2.6.3.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.6.3.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 13.4.2.2.6.3.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 13.4.2.2.6.3.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1018
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1018
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1018
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1019
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1019
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1019
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1019
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1019
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1020
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1020
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1020
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1020
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1020
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1020
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1021
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1021

#### 13.4.2.2.6.3.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.6.3.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 13.4.2.2.6.3.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 13.4.2.2.6.3.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.6.3.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 13.4.2.2.6.3.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 13.4.2.2.6.3.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 13.4.2.2.6.3.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 13.4.2.2.6.3.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 13.4.2.2.6.3.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 13.4.2.2.6.3.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427



#### 13.4.2.2.6.3.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.6.3.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 13.4.2.2.6.3.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 13.4.2.2.6.3.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 13.4.2.2.6.3.8 Cardholder <Crhdldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1026
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1026
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1026
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1027
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1027
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1027
	<b>SocialSecurityNumber</b> <ScIScItyNb>	[0..1]	Text		1027
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1027
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1027
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1027
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1027
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1028
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1028
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1028
	<b>Department</b> <Dept>	[0..1]	Text		1028
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1028
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1028
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1028
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1029
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1029
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1029
	<b>Other</b> <Othr>	[0..*]	±		1029
	<b>Name</b> <Nm>	[0..1]	Text		1029
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1029
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1030
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1030
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1031
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1031
	<b>Authentication</b> <Authntcn>	[0..*]			1032
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1034
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1035

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1036
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1036
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1036
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		1036
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1037
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1037
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1037
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1038
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1038
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1038
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1039
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1039
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1039
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1039
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1039
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1039
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1039
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1039
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1040
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1040
	<b>Department</b> <Dept>	[0..1]	Text		1040
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1040
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1040
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1040
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1040
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1041
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1041
	<b>Other</b> <Othr>	[0..*]	±		1041
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1041
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1041
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1042

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1042
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1042
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1042
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1042
	<b>Identification</b> <Id>	[1..1]	Text		1043
	<b>Value</b> <Val>	[0..1]	Binary		1043
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1043
	<b>Type</b> <Tp>	[0..1]	Text		1043
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1043
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1044
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1045
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1045
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1045
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1046
	<b>MobileData</b> <MobData>	[0..*]			1046
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1046
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1046
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1047
	<b>Geolocation</b> <Glctn>	[0..1]			1047
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1047
	<b>Latitude</b> <Lat>	[1..1]	Text		1047
	<b>Longitude</b> <Long>	[1..1]	Text		1047
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1048
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1048
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1048
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1048
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1048
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1049
	<b>IMSI</b> <IMSI>	[0..1]	Text		1049
	<b>IMEI</b> <IMEI>	[0..1]	Text		1049
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1049

### 13.4.2.2.6.3.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1026
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1026
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1027
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1027
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1027
	<b>SocialSecurityNumber</b> <ScIscItyNb>	[0..1]	Text		1027
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1027
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1027
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1027
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1027
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1028
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1028
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1028
	<b>Department</b> <Dept>	[0..1]	Text		1028
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1028
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1028
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1028
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1029
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1029
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1029
	<b>Other</b> <Othr>	[0..*]	±		1029

#### 13.4.2.2.6.3.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 13.4.2.2.6.3.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1028
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1029
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1029
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1029

##### 13.4.2.2.6.3.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420



#### 13.4.2.2.6.3.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 13.4.2.2.6.3.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "[GenericIdentification4](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 13.4.2.2.6.3.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 13.4.2.2.6.3.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 13.4.2.2.6.3.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 13.4.2.2.6.3.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 13.4.2.2.6.3.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 13.4.2.2.6.3.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1034
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1035
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1036
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1036
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1036
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1036
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1037
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1037
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			1037
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1038
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1038
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1038
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1039
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1039
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1039
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1039
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1039
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1039
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1039
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1039
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1040
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1040
	<b>Department</b> <Dept>	[0..1]	Text		1040
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1040
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1040
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1040
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1040
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1041
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1041
	<b>Other</b> <Othr>	[0..*]	±		1041
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1041

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1041
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1042
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1042
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1042
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1042
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1042
	<b>Identification</b> <Id>	[1..1]	Text		1043
	<b>Value</b> <Val>	[0..1]	Binary		1043
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1043
	<b>Type</b> <Tp>	[0..1]	Text		1043

#### 13.4.2.2.6.3.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 13.4.2.2.6.3.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 13.4.2.2.6.3.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 13.4.2.2.6.3.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.6.3.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1036
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1037
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1037

##### 13.4.2.2.6.3.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).



**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.6.3.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 13.4.2.2.6.3.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.8.6 CardholderIdentification <CrhdldrId>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber &lt;DrvrLicNb&gt;</b>	[0..1]	Text		1038
	<b>DriverLicenseLocation &lt;DrvrLicLctn&gt;</b>	[0..1]	Text		1038
	<b>DriverLicenseName &lt;DrvrLicNm&gt;</b>	[0..1]	Text		1038
	<b>DriverIdentification &lt;DrvrId&gt;</b>	[0..1]	Text		1039
	<b>CustomerNumber &lt;CstmrNb&gt;</b>	[0..1]	Text		1039
	<b>SocialSecurityNumber &lt;ScIscTyNb&gt;</b>	[0..1]	Text		1039
	<b>AlienRegistrationNumber &lt;AlnRegnNb&gt;</b>	[0..1]	Text		1039
	<b>PassportNumber &lt;PsptNb&gt;</b>	[0..1]	Text		1039
	<b>TaxIdentificationNumber &lt;TaxIdNb&gt;</b>	[0..1]	Text		1039
	<b>IdentityCardNumber &lt;IdntyCardNb&gt;</b>	[0..1]	Text		1039
	<b>EmployerIdentificationNumber &lt;MplyrIdNb&gt;</b>	[0..1]	Text		1039
	<b>EmployeeIdentificationNumber &lt;MplyeIdNb&gt;</b>	[0..1]	Text		1040
	<b>JobNumber &lt;JobNb&gt;</b>	[0..1]	Text		1040
	<b>Department &lt;Dept&gt;</b>	[0..1]	Text		1040
	<b>EmailAddress &lt;EmailAdr&gt;</b>	[0..1]	Text		1040
	<b>DateAndPlaceOfBirth &lt;DtAndPlcOfBirth&gt;</b>	[0..1]			1040
	<b>BirthDate &lt;BirthDt&gt;</b>	[1..1]	Date		1040
	<b>ProvinceOfBirth &lt;PrvcOfBirth&gt;</b>	[0..1]	Text		1040
	<b>CityOfBirth &lt;CityOfBirth&gt;</b>	[1..1]	Text		1041
	<b>CountryOfBirth &lt;CtryOfBirth&gt;</b>	[1..1]	CodeSet	C2	1041
	<b>Other &lt;Othr&gt;</b>	[0..*]	±		1041

#### 13.4.2.2.6.3.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.8.6.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.8.6.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.6.3.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 13.4.2.2.6.3.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1040
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1040
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1041
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1041

##### 13.4.2.2.6.3.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 13.4.2.2.6.3.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 13.4.2.2.6.3.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 13.4.2.2.6.3.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1041
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1042

#### 13.4.2.2.6.3.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 13.4.2.2.6.3.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 13.4.2.2.6.3.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 13.4.2.2.6.3.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1043
	<b>Value</b> <Val>	[0..1]	Binary		1043
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1043
	<b>Type</b> <Tp>	[0..1]	Text		1043

#### 13.4.2.2.6.3.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 13.4.2.2.6.3.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 13.4.2.2.6.3.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 13.4.2.2.6.3.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 13.4.2.2.6.3.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1044
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1045
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1045
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1045

#### 13.4.2.2.6.3.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.



CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 13.4.2.2.6.3.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 13.4.2.2.6.3.8.9.3 Result <RsIt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 13.4.2.2.6.3.8.9.4 AdditionalResult <AddtlRsIt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 13.4.2.2.6.3.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.6.3.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1046
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1046
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1047
	<b>Geolocation</b> <Glctn>	[0..1]			1047
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1047
	<b>Latitude</b> <Lat>	[1..1]	Text		1047
	<b>Longitude</b> <Long>	[1..1]	Text		1047
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1048
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1048
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1048
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1048
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1048
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1049
	<b>IMSI</b> <IMSI>	[0..1]	Text		1049
	<b>IMEI</b> <IMEI>	[0..1]	Text		1049
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1049

##### 13.4.2.2.6.3.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 13.4.2.2.6.3.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 13.4.2.2.6.3.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1047
	<b>Latitude</b> <Lat>	[1..1]	Text		1047
	<b>Longitude</b> <Long>	[1..1]	Text		1047
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1048
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1048
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1048
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1048

#### 13.4.2.2.6.3.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1047
	<b>Longitude</b> <Long>	[1..1]	Text		1047

#### 13.4.2.2.6.3.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.6.3.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1048
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1048
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1048

##### 13.4.2.2.6.3.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.6.3.8.11.4.2.2 UTMEastward <UTMEstwrdr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.6.3.8.11.4.2.3 UTMNorthward <UTMNrthwrdr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.6.3.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1049
	<b>IMSI</b> <IMSI>	[0..1]	Text		1049
	<b>IMEI</b> <IMEI>	[0..1]	Text		1049

#### 13.4.2.2.6.3.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.6.3.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.6.3.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.6.3.8.11.6 ProtectedMobileData <PrctcdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrctcdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.6.3.9 ProtectedCardholderData <PrctcdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see ["ContentInformationType22" on page 2346](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.6.4 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Transaction that has been rejected.

**Transaction <Tx>** contains the following **CardPaymentTransactionAdviceResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1050
	TransactionIdentification <TxId>	[1..1]	±		1050
	Response <Rspn>	[1..1]	CodeSet		1050

##### 13.4.2.2.6.4.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* ["Max35Text" on page 2426](#)

##### 13.4.2.2.6.4.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentifier1" on page 2315](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

##### 13.4.2.2.6.4.3 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of a requested service.

*Datatype:* ["Response1Code" on page 2414](#)

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.

CodeName	Name	Definition
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

#### 13.4.2.2.7 SuspendedTransaction <SspdTx>

*Presence:* [0..\*]

*Definition:* Transaction in the batch, whose capture has been suspended.

**SuspendedTransaction <SspdTx>** contains the following **CardPaymentDataSet25** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1056
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1056
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1056
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1057
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1057
	<b>Environment</b> <Envnt>	[1..1]			1057
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1062
	<b>Merchant</b> <Mrchnt>	[0..1]			1062
	<b>Identification</b> <Id>	[0..1]	±		1062
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1063
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1063
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1063
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1064
	<b>POI</b> <POI>	[0..1]			1064
	<b>Identification</b> <Id>	[1..1]	±		1064
	<b>SystemName</b> <SysNm>	[0..1]	Text		1065
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1065
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1065
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1066
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1066
	<b>Component</b> <Cmpnt>	[0..*]	±		1067
	<b>Card</b> <Card>	[0..1]			1069
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1070
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1070
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1070
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1071
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1071
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1071
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1071
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1071
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1072



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1072
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1072
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1072
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1072
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1072
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1073
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1073
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1073
	<b>Wallet</b> <Wlt>	[0..1]	±		1073
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1073
	<b>Cardholder</b> <Crhdlr>	[0..1]			1074
	<b>Identification</b> <Id>	[0..1]			1078
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1078
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1078
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1079
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1079
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1079
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1079
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1079
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1079
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1079
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1079
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1080
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1080
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1080
	<b>Department</b> <Dept>	[0..1]	Text		1080
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1080
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1080
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1080
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1081
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1081

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1081
	<b>Other</b> <Othr>	[0..*]	±		1081
	<b>Name</b> <Nm>	[0..1]	Text		1081
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1081
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1082
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1082
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1083
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1083
	<b>Authentication</b> <Authntcn>	[0..*]			1084
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1086
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1087
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1088
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1088
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1088
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1088
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1089
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1089
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1089
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1090
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1090
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1090
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1091
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1091
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1091
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1091
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1091
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1091
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1091
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1091
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1092
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1092

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Department</b> <Dept>	[0..1]	Text		1092
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1092
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1092
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1092
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1092
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1093
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1093
	<b>Other</b> <Othr>	[0..*]	±		1093
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1093
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1093
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1094
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1094
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1094
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1094
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1094
	<b>Identification</b> <Id>	[1..1]	Text		1095
	<b>Value</b> <Val>	[0..1]	Binary		1095
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1095
	<b>Type</b> <Tp>	[0..1]	Text		1095
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1095
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1096
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1097
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1097
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1097
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1098
	<b>MobileData</b> <MobData>	[0..*]			1098
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1098
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1098
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1099
	<b>Geolocation</b> <Glctn>	[0..1]			1099
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1099

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1099
	<b>Longitude</b> <Long>	[1..1]	Text		1099
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1100
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1100
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1100
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1100
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1100
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1101
	<b>IMSI</b> <IMSI>	[0..1]	Text		1101
	<b>IMEI</b> <IMEI>	[0..1]	Text		1101
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1101
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		1101
	<b>Transaction</b> <Tx>	[1..1]			1102
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1102
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1102
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1102

#### 13.4.2.2.7.1 TransactionSequenceCounter <TxSeqCntr>

*Presence:* [1..1]

*Definition:* Sequential counter of the transaction.

*Datatype:* "Max9NumericText" on page 2428

#### 13.4.2.2.7.2 TransactionResponse <TxRspn>

*Presence:* [1..1]

*Definition:* Response to the capture of the transaction.

**TransactionResponse <TxRspn>** contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1056
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1057
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1057

#### 13.4.2.2.7.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response9Code" on page 2415

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

#### 13.4.2.2.7.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

#### 13.4.2.2.7.3 Environment <Envnt>

*Presence:* [1..1]

*Definition:* Data related to the environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1062
	<b>Merchant</b> <Mrchnt>	[0..1]			1062
	<b>Identification</b> <Id>	[0..1]	±		1062
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1063
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1063
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1063
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1064
	<b>POI</b> <POI>	[0..1]			1064
	<b>Identification</b> <Id>	[1..1]	±		1064
	<b>SystemName</b> <SysNm>	[0..1]	Text		1065
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1065
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1065
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1066
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1066
	<b>Component</b> <Cmpnt>	[0..*]	±		1067
	<b>Card</b> <Card>	[0..1]			1069
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1070
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1070
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1070
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1071
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1071
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1071
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1071
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1071
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1072
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1072
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1072
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1072
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1072
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1072
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1073

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1073
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1073
	<b>Wallet</b> <Wlt>	[0..1]	±		1073
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1073
	<b>Cardholder</b> <Crhdldr>	[0..1]			1074
	<b>Identification</b> <Id>	[0..1]			1078
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1078
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1078
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1079
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1079
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1079
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1079
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1079
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1079
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1079
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1079
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1080
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1080
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1080
	<b>Department</b> <Dept>	[0..1]	Text		1080
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1080
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1080
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1080
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1081
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1081
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1081
	<b>Other</b> <Othr>	[0..*]	±		1081
	<b>Name</b> <Nm>	[0..1]	Text		1081
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1081
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1082
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1082

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1083
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1083
	<b>Authentication</b> <Authntcn>	[0..*]			1084
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1086
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1087
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1088
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1088
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1088
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1088
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1089
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1089
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			1089
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1090
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1090
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1090
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1091
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1091
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1091
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1091
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1091
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1091
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1091
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1091
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1092
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1092
	<b>Department</b> <Dept>	[0..1]	Text		1092
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1092
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1092
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1092
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1092
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1093



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1093
	<b>Other</b> <Othr>	[0..*]	±		1093
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1093
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1093
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1094
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1094
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1094
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1094
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1094
	<b>Identification</b> <Id>	[1..1]	Text		1095
	<b>Value</b> <Val>	[0..1]	Binary		1095
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1095
	<b>Type</b> <Tp>	[0..1]	Text		1095
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1095
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1096
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1097
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1097
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1097
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1098
	<b>MobileData</b> <MobData>	[0..*]			1098
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1098
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1098
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1099
	<b>Geolocation</b> <Glctn>	[0..1]			1099
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1099
	<b>Latitude</b> <Lat>	[1..1]	Text		1099
	<b>Longitude</b> <Long>	[1..1]	Text		1099
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1100
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1100
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1100
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1100

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1100
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1101
	<b>IMSI</b> <IMSI>	[0..1]	Text		1101
	<b>IMEI</b> <IMEI>	[0..1]	Text		1101
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1101
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		1101

#### 13.4.2.2.7.3.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 13.4.2.2.7.3.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

*Usage:* In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1062
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1063
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1063
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1063
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1064

##### 13.4.2.2.7.3.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 13.4.2.2.7.3.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 13.4.2.2.7.3.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 13.4.2.2.7.3.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 13.4.2.2.7.3.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 13.4.2.2.7.3.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1064
	<b>SystemName</b> <SysNm>	[0..1]	Text		1065
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1065
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1065
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1066
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1066
	<b>Component</b> <Cmpnt>	[0..*]	±		1067

#### 13.4.2.2.7.3.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 13.4.2.2.7.3.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 13.4.2.2.7.3.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 13.4.2.2.7.3.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 13.4.2.2.7.3.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.7.3.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 13.4.2.2.7.3.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 13.4.2.2.7.3.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1070
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1070
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1070
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1071
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1071
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1071
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1071
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1071
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1072
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1072
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1072
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1072
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1072
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1072
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1073
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1073

#### 13.4.2.2.7.3.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.7.3.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 13.4.2.2.7.3.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 13.4.2.2.7.3.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.7.3.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 13.4.2.2.7.3.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 13.4.2.2.7.3.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 13.4.2.2.7.3.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 13.4.2.2.7.3.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 13.4.2.2.7.3.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 13.4.2.2.7.3.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.7.3.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.7.3.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 13.4.2.2.7.3.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 13.4.2.2.7.3.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 13.4.2.2.7.3.8 Cardholder <Crhdldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdrHldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1078
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1078
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1078
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1079
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1079
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1079
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1079
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1079
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1079
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1079
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1079
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1080
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1080
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1080
	<b>Department</b> <Dept>	[0..1]	Text		1080
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1080
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1080
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1080
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1081
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1081
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1081
	<b>Other</b> <Othr>	[0..*]	±		1081
	<b>Name</b> <Nm>	[0..1]	Text		1081
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1081
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1082
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1082
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1083
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1083
	<b>Authentication</b> <Authntcn>	[0..*]			1084
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1086
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1087

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1088
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1088
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1088
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1088
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1089
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1089
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			1089
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1090
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1090
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1090
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1091
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1091
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1091
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1091
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1091
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1091
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1091
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1091
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1092
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1092
	<b>Department</b> <Dept>	[0..1]	Text		1092
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1092
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1092
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1092
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1092
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1093
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1093
	<b>Other</b> <Othr>	[0..*]	±		1093
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1093
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1093
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1094



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1094
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1094
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1094
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1094
	<b>Identification</b> <Id>	[1..1]	Text		1095
	<b>Value</b> <Val>	[0..1]	Binary		1095
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1095
	<b>Type</b> <Tp>	[0..1]	Text		1095
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1095
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1096
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1097
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1097
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1097
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1098
	<b>MobileData</b> <MobData>	[0..*]			1098
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1098
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1098
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1099
	<b>Geolocation</b> <Glctn>	[0..1]			1099
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1099
	<b>Latitude</b> <Lat>	[1..1]	Text		1099
	<b>Longitude</b> <Long>	[1..1]	Text		1099
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1100
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1100
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1100
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1100
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1100
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1101
	<b>IMSI</b> <IMSI>	[0..1]	Text		1101
	<b>IMEI</b> <IMEI>	[0..1]	Text		1101
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1101

### 13.4.2.2.7.3.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1078
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1078
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1079
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1079
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1079
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1079
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1079
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1079
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1079
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1079
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1080
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1080
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1080
	<b>Department</b> <Dept>	[0..1]	Text		1080
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1080
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1080
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1080
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1081
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1081
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1081
	<b>Other</b> <Othr>	[0..*]	±		1081

#### 13.4.2.2.7.3.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 13.4.2.2.7.3.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1080
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1081
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1081
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1081

##### 13.4.2.2.7.3.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 13.4.2.2.7.3.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 13.4.2.2.7.3.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "[GenericIdentification4](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 13.4.2.2.7.3.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 13.4.2.2.7.3.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 13.4.2.2.7.3.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 13.4.2.2.7.3.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 13.4.2.2.7.3.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 13.4.2.2.7.3.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.



**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1086
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1087
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1088
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1088
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1088
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1088
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1089
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1089
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			1089
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1090
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1090
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1090
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1091
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1091
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1091
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1091
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1091
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1091
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1091
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1091
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1092
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1092
	<b>Department</b> <Dept>	[0..1]	Text		1092
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1092
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1092
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1092
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1092
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1093
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1093
	<b>Other</b> <Othr>	[0..*]	±		1093
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1093

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1093
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1094
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1094
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1094
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1094
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1094
	<b>Identification</b> <Id>	[1..1]	Text		1095
	<b>Value</b> <Val>	[0..1]	Binary		1095
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1095
	<b>Type</b> <Tp>	[0..1]	Text		1095

#### 13.4.2.2.7.3.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 13.4.2.2.7.3.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 13.4.2.2.7.3.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 13.4.2.2.7.3.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.7.3.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1088
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1089
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1089

##### 13.4.2.2.7.3.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.7.3.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 13.4.2.2.7.3.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.8.6 CardholderIdentification <CrhdldrId>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1090
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1090
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1090
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1091
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1091
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1091
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1091
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1091
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1091
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1091
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1091
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1092
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1092
	<b>Department</b> <Dept>	[0..1]	Text		1092
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1092
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1092
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1092
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1092
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1093
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1093
	<b>Other</b> <Othr>	[0..*]	±		1093

#### 13.4.2.2.7.3.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.8.6.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.8.6.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.7.3.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 13.4.2.2.7.3.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1092
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1092
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1093
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1093

##### 13.4.2.2.7.3.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 13.4.2.2.7.3.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426



#### 13.4.2.2.7.3.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 13.4.2.2.7.3.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 13.4.2.2.7.3.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1093
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1094

#### 13.4.2.2.7.3.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 13.4.2.2.7.3.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 13.4.2.2.7.3.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 13.4.2.2.7.3.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1095
	<b>Value</b> <Val>	[0..1]	Binary		1095
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1095
	<b>Type</b> <Tp>	[0..1]	Text		1095

#### 13.4.2.2.7.3.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 13.4.2.2.7.3.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 13.4.2.2.7.3.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 13.4.2.2.7.3.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 13.4.2.2.7.3.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1096
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1097
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1097
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1097

#### 13.4.2.2.7.3.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 13.4.2.2.7.3.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 13.4.2.2.7.3.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 13.4.2.2.7.3.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 13.4.2.2.7.3.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.7.3.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1098
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1098
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1099
	<b>Geolocation</b> <Glctn>	[0..1]			1099
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1099
	<b>Latitude</b> <Lat>	[1..1]	Text		1099
	<b>Longitude</b> <Long>	[1..1]	Text		1099
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1100
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1100
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1100
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1100
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1100
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1101
	<b>IMSI</b> <IMSI>	[0..1]	Text		1101
	<b>IMEI</b> <IMEI>	[0..1]	Text		1101
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1101

##### 13.4.2.2.7.3.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 13.4.2.2.7.3.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

### 13.4.2.2.7.3.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

### 13.4.2.2.7.3.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1099
	<b>Latitude</b> <Lat>	[1..1]	Text		1099
	<b>Longitude</b> <Long>	[1..1]	Text		1099
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1100
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1100
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1100
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1100

### 13.4.2.2.7.3.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1099
	<b>Longitude</b> <Long>	[1..1]	Text		1099

### 13.4.2.2.7.3.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

### 13.4.2.2.7.3.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.7.3.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1100
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1100
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1100

##### 13.4.2.2.7.3.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.7.3.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.7.3.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.7.3.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.



**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1101
	<b>IMSI</b> <IMSI>	[0..1]	Text		1101
	<b>IMEI</b> <IMEI>	[0..1]	Text		1101

#### 13.4.2.2.7.3.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.7.3.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.7.3.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.7.3.8.11.6 ProtectedMobileData <PrctcdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrctcdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.7.3.9 ProtectedCardholderData <PrctcdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see ["ContentInformationType22"](#) on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.7.4 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Transaction that has been rejected.

**Transaction <Tx>** contains the following **CardPaymentTransactionAdviceResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1102
	TransactionIdentification <TxId>	[1..1]	±		1102
	Response <Rspn>	[1..1]	CodeSet		1102

##### 13.4.2.2.7.4.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* ["Max35Text"](#) on page 2426

##### 13.4.2.2.7.4.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentifier1"](#) on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

##### 13.4.2.2.7.4.3 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of a requested service.

*Datatype:* ["Response1Code"](#) on page 2414

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.

CodeName	Name	Definition
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

#### 13.4.2.2.8 ResumedApproval <RsmdApprvl>

*Presence:* [0..\*]

*Definition:* Transaction in the batch, whose capture has been approved after suspension.

**ResumedApproval <RsmndApprvl>** contains the following **CardPaymentDataSet25** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1108
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1108
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1108
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1109
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1109
	<b>Environment</b> <Envnt>	[1..1]			1109
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1114
	<b>Merchant</b> <Mrchnt>	[0..1]			1114
	<b>Identification</b> <Id>	[0..1]	±		1114
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1115
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1115
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1115
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1116
	<b>POI</b> <POI>	[0..1]			1116
	<b>Identification</b> <Id>	[1..1]	±		1116
	<b>SystemName</b> <SysNm>	[0..1]	Text		1117
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1117
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		1117
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1118
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1118
	<b>Component</b> <Cmpnt>	[0..*]	±		1119
	<b>Card</b> <Card>	[0..1]			1121
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1122
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1122
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1122
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1123
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1123
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1123
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1123
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1123
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1124

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1124
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1124
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1124
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1124
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1124
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1125
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1125
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1125
	<b>Wallet</b> <Wlt>	[0..1]	±		1125
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1125
	<b>Cardholder</b> <Crhdlr>	[0..1]			1126
	<b>Identification</b> <Id>	[0..1]			1130
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1130
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1130
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1131
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1131
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1131
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1131
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1131
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1131
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1131
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1131
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1132
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1132
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1132
	<b>Department</b> <Dept>	[0..1]	Text		1132
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1132
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1132
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1132
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1133
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1133

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1133
	<b>Other</b> <Othr>	[0..*]	±		1133
	<b>Name</b> <Nm>	[0..1]	Text		1133
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1133
	<b>BillingAddress</b> <BlgAdr>	[0..1]	±		1134
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1134
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1135
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1135
	<b>Authentication</b> <Authntcn>	[0..*]			1136
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1138
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1139
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1140
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1140
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1140
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1140
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1141
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1141
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1141
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1142
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1142
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1142
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1143
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1143
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1143
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1143
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1143
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1143
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1143
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1143
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1144
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1144

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Department</b> <Dept>	[0..1]	Text		1144
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1144
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1144
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1144
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1144
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1145
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1145
	<b>Other</b> <Othr>	[0..*]	±		1145
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1145
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1145
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1146
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1146
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1146
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1146
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1146
	<b>Identification</b> <Id>	[1..1]	Text		1147
	<b>Value</b> <Val>	[0..1]	Binary		1147
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1147
	<b>Type</b> <Tp>	[0..1]	Text		1147
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1147
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1148
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1149
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1149
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1149
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1150
	<b>MobileData</b> <MobData>	[0..*]			1150
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1150
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1150
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1151
	<b>Geolocation</b> <Glctn>	[0..1]			1151
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1151

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1151
	<b>Longitude</b> <Long>	[1..1]	Text		1151
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1152
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1152
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1152
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1152
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1152
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1153
	<b>IMSI</b> <IMSI>	[0..1]	Text		1153
	<b>IMEI</b> <IMEI>	[0..1]	Text		1153
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1153
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1153
	<b>Transaction</b> <Tx>	[1..1]			1154
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1154
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1154
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1154

#### 13.4.2.2.8.1 TransactionSequenceCounter <TxSeqCntr>

*Presence:* [1..1]

*Definition:* Sequential counter of the transaction.

*Datatype:* "Max9NumericText" on page 2428

#### 13.4.2.2.8.2 TransactionResponse <TxRspn>

*Presence:* [1..1]

*Definition:* Response to the capture of the transaction.

**TransactionResponse <TxRspn>** contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1108
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1109
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1109

#### 13.4.2.2.8.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.



*Datatype:* "Response9Code" on page 2415

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

#### 13.4.2.8.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.8.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

#### 13.4.2.8.3 Environment <Envt>

*Presence:* [1..1]

*Definition:* Data related to the environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1114
	<b>Merchant</b> <Mrchnt>	[0..1]			1114
	<b>Identification</b> <Id>	[0..1]	±		1114
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1115
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1115
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1115
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1116
	<b>POI</b> <POI>	[0..1]			1116
	<b>Identification</b> <Id>	[1..1]	±		1116
	<b>SystemName</b> <SysNm>	[0..1]	Text		1117
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1117
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1117
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1118
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1118
	<b>Component</b> <Cmpnt>	[0..*]	±		1119
	<b>Card</b> <Card>	[0..1]			1121
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1122
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1122
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1122
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1123
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1123
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1123
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1123
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1123
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1124
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1124
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1124
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1124
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1124
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1124
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1125

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1125
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1125
	<b>Wallet</b> <Wlt>	[0..1]	±		1125
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1125
	<b>Cardholder</b> <Crhdldr>	[0..1]			1126
	<b>Identification</b> <Id>	[0..1]			1130
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1130
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1130
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1131
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1131
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1131
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1131
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1131
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1131
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1131
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1131
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1132
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1132
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1132
	<b>Department</b> <Dept>	[0..1]	Text		1132
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1132
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1132
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1132
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1133
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1133
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1133
	<b>Other</b> <Othr>	[0..*]	±		1133
	<b>Name</b> <Nm>	[0..1]	Text		1133
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1133
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1134
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1134

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1135
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1135
	<b>Authentication</b> <Authntcn>	[0..*]			1136
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1138
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1139
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1140
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1140
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1140
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1140
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1141
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1141
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1141
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1142
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1142
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1142
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1143
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1143
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1143
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1143
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1143
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1143
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1143
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1143
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1144
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1144
	<b>Department</b> <Dept>	[0..1]	Text		1144
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1144
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1144
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1144
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1144
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1145

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1145
	<b>Other</b> <Othr>	[0..*]	±		1145
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1145
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1145
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1146
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1146
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1146
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1146
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1146
	<b>Identification</b> <Id>	[1..1]	Text		1147
	<b>Value</b> <Val>	[0..1]	Binary		1147
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1147
	<b>Type</b> <Tp>	[0..1]	Text		1147
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1147
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1148
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1149
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1149
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1149
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1150
	<b>MobileData</b> <MobData>	[0..*]			1150
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1150
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1150
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1151
	<b>Geolocation</b> <Glctn>	[0..1]			1151
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1151
	<b>Latitude</b> <Lat>	[1..1]	Text		1151
	<b>Longitude</b> <Long>	[1..1]	Text		1151
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1152
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1152
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1152
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1152

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1152
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1153
	<b>IMSI</b> <IMSI>	[0..1]	Text		1153
	<b>IMEI</b> <IMEI>	[0..1]	Text		1153
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1153
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		1153

#### 13.4.2.2.8.3.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 13.4.2.2.8.3.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

*Usage:* In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1114
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1115
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1115
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1115
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1116

##### 13.4.2.2.8.3.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 13.4.2.2.8.3.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 13.4.2.2.8.3.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 13.4.2.2.8.3.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 13.4.2.2.8.3.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 13.4.2.2.8.3.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1116
	<b>SystemName</b> <SysNm>	[0..1]	Text		1117
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1117
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1117
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1118
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1118
	<b>Component</b> <Cmpnt>	[0..*]	±		1119

#### 13.4.2.2.8.3.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.



**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 13.4.2.2.8.3.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 13.4.2.2.8.3.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 13.4.2.2.8.3.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrpLngth>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 13.4.2.2.8.3.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.8.3.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 13.4.2.2.8.3.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 13.4.2.2.8.3.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1122
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1122
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1122
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1123
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1123
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1123
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1123
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1123
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1124
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1124
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1124
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1124
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1124
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1124
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1125
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1125

#### 13.4.2.2.8.3.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.8.3.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 13.4.2.2.8.3.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 13.4.2.2.8.3.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.8.3.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 13.4.2.2.8.3.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 13.4.2.2.8.3.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 13.4.2.2.8.3.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 13.4.2.2.8.3.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 13.4.2.2.8.3.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 13.4.2.2.8.3.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427



#### 13.4.2.2.8.3.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.8.3.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice1" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 13.4.2.2.8.3.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "CustomerDevice1" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 13.4.2.2.8.3.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 13.4.2.2.8.3.8 Cardholder <Crhdldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdHdr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1130
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1130
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1130
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1131
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1131
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1131
	<b>SocialSecurityNumber</b> <ScIScTyNb>	[0..1]	Text		1131
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1131
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1131
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1131
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1131
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1132
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1132
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1132
	<b>Department</b> <Dept>	[0..1]	Text		1132
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1132
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1132
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1132
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1133
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1133
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1133
	<b>Other</b> <Othr>	[0..*]	±		1133
	<b>Name</b> <Nm>	[0..1]	Text		1133
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1133
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1134
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1134
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1135
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1135
	<b>Authentication</b> <Authntcn>	[0..*]			1136
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1138
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1139

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1140
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1140
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1140
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1140
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1141
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1141
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1141
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1142
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1142
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1142
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1143
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1143
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1143
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1143
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1143
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1143
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1143
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1143
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1144
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1144
	<b>Department</b> <Dept>	[0..1]	Text		1144
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1144
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1144
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1144
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1144
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1145
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1145
	<b>Other</b> <Othr>	[0..*]	±		1145
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1145
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1145
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1146

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1146
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1146
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1146
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1146
	<b>Identification</b> <Id>	[1..1]	Text		1147
	<b>Value</b> <Val>	[0..1]	Binary		1147
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1147
	<b>Type</b> <Tp>	[0..1]	Text		1147
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1147
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1148
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1149
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1149
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1149
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1150
	<b>MobileData</b> <MobData>	[0..*]			1150
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1150
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1150
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1151
	<b>Geolocation</b> <Glctn>	[0..1]			1151
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1151
	<b>Latitude</b> <Lat>	[1..1]	Text		1151
	<b>Longitude</b> <Long>	[1..1]	Text		1151
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1152
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1152
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1152
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1152
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1152
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1153
	<b>IMSI</b> <IMSI>	[0..1]	Text		1153
	<b>IMEI</b> <IMEI>	[0..1]	Text		1153
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1153

### 13.4.2.2.8.3.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1130
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1130
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1131
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1131
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1131
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1131
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1131
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1131
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1131
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1131
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1132
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1132
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1132
	<b>Department</b> <Dept>	[0..1]	Text		1132
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1132
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1132
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1132
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1133
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1133
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1133
	<b>Other</b> <Othr>	[0..*]	±		1133

#### 13.4.2.2.8.3.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 13.4.2.2.8.3.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1132
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1133
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1133
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1133

##### 13.4.2.2.8.3.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420



#### 13.4.2.2.8.3.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 13.4.2.2.8.3.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "[GenericIdentification4](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 13.4.2.2.8.3.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 13.4.2.2.8.3.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 13.4.2.2.8.3.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 13.4.2.2.8.3.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 13.4.2.2.8.3.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 13.4.2.2.8.3.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1138
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1139
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1140
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1140
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1140
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1140
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1141
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1141
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			1141
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1142
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1142
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1142
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1143
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1143
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1143
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1143
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1143
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1143
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1143
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1143
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1144
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1144
	<b>Department</b> <Dept>	[0..1]	Text		1144
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1144
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1144
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1144
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1144
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1145
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1145
	<b>Other</b> <Othr>	[0..*]	±		1145
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1145

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1145
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1146
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1146
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1146
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1146
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1146
	<b>Identification</b> <Id>	[1..1]	Text		1147
	<b>Value</b> <Val>	[0..1]	Binary		1147
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1147
	<b>Type</b> <Tp>	[0..1]	Text		1147

#### 13.4.2.2.8.3.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 13.4.2.2.8.3.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 13.4.2.2.8.3.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 13.4.2.2.8.3.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.8.3.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1140
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1141
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1141

##### 13.4.2.2.8.3.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).



**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.8.3.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 13.4.2.2.8.3.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.5.6 CardholderIdentification <CrhdldrId>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1142
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1142
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1142
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1143
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1143
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		1143
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1143
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1143
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1143
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1143
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1143
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1144
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1144
	<b>Department</b> <Dept>	[0..1]	Text		1144
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1144
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1144
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1144
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1144
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1145
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1145
	<b>Other</b> <Othr>	[0..*]	±		1145

#### 13.4.2.2.8.3.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.8.6.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.8.3.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 13.4.2.2.8.3.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1144
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1144
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1145
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1145

##### 13.4.2.2.8.3.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 13.4.2.2.8.3.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.8.6.16.4 CountryOfBirth <CtrOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 13.4.2.2.8.3.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 13.4.2.2.8.3.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits &lt;AdrDgts&gt;</b>	[0..1]	Text		1145
	<b>PostalCodeDigits &lt;PstlCdDgts&gt;</b>	[0..1]	Text		1146

#### 13.4.2.2.8.3.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 13.4.2.2.8.3.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 13.4.2.2.8.3.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 13.4.2.2.8.3.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1147
	<b>Value</b> <Val>	[0..1]	Binary		1147
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1147
	<b>Type</b> <Tp>	[0..1]	Text		1147

#### 13.4.2.2.8.3.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 13.4.2.2.8.3.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 13.4.2.2.8.3.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 13.4.2.2.8.3.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 13.4.2.2.8.3.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1148
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1149
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1149
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1149

#### 13.4.2.2.8.3.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.



CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 13.4.2.2.8.3.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 13.4.2.2.8.3.8.9.3 Result <RsIt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 13.4.2.2.8.3.8.9.4 AdditionalResult <AddtlRsIt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 13.4.2.2.8.3.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.8.3.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1150
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1150
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1151
	<b>Geolocation</b> <Glctn>	[0..1]			1151
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1151
	<b>Latitude</b> <Lat>	[1..1]	Text		1151
	<b>Longitude</b> <Long>	[1..1]	Text		1151
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1152
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1152
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1152
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1152
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1152
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1153
	<b>IMSI</b> <IMSI>	[0..1]	Text		1153
	<b>IMEI</b> <IMEI>	[0..1]	Text		1153
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1153

##### 13.4.2.2.8.3.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 13.4.2.2.8.3.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 13.4.2.2.8.3.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1151
	<b>Latitude</b> <Lat>	[1..1]	Text		1151
	<b>Longitude</b> <Long>	[1..1]	Text		1151
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1152
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1152
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1152
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1152

#### 13.4.2.2.8.3.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1151
	<b>Longitude</b> <Long>	[1..1]	Text		1151

#### 13.4.2.2.8.3.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.8.3.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1152
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1152
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1152

##### 13.4.2.2.8.3.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.8.3.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.8.3.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.8.3.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1153
	<b>IMSI</b> <IMSI>	[0..1]	Text		1153
	<b>IMEI</b> <IMEI>	[0..1]	Text		1153

#### 13.4.2.2.8.3.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.8.3.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.8.3.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.8.3.8.11.6 ProtectedMobileData <PrctcdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrctcdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.8.3.9 ProtectedCardholderData <PrctcdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see ["ContentInformationType22" on page 2346](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.8.4 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Transaction that has been rejected.

**Transaction <Tx>** contains the following **CardPaymentTransactionAdviceResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1154
	TransactionIdentification <TxId>	[1..1]	±		1154
	Response <Rspn>	[1..1]	CodeSet		1154

##### 13.4.2.2.8.4.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* ["Max35Text" on page 2426](#)

##### 13.4.2.2.8.4.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentifier1" on page 2315](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

##### 13.4.2.2.8.4.3 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of a requested service.

*Datatype:* ["Response1Code" on page 2414](#)

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.

CodeName	Name	Definition
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

#### 13.4.2.2.9 ResumedRejection <RsmdRjctn>

*Presence:* [0..\*]

*Definition:* Transaction in the batch, whose capture has been rejected after suspension.

**ResumedRejection <RsmdRjctn>** contains the following **CardPaymentDataSet25** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionSequenceCounter</b> <TxSeqCntr>	[1..1]	Text		1160
	<b>TransactionResponse</b> <TxRspn>	[1..1]			1160
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1160
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1161
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1161
	<b>Environment</b> <Envnt>	[1..1]			1161
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1166
	<b>Merchant</b> <Mrchnt>	[0..1]			1166
	<b>Identification</b> <Id>	[0..1]	±		1166
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1167
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1167
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1167
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1168
	<b>POI</b> <POI>	[0..1]			1168
	<b>Identification</b> <Id>	[1..1]	±		1168
	<b>SystemName</b> <SysNm>	[0..1]	Text		1169
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1169
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1169
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1170
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1170
	<b>Component</b> <Cmpnt>	[0..*]	±		1171
	<b>Card</b> <Card>	[0..1]			1173
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1174
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1174
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1174
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1175
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1175
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1175
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1175
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1175
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1176



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1176
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1176
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1176
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1176
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1176
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1177
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1177
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1177
	<b>Wallet</b> <Wlt>	[0..1]	±		1177
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1177
	<b>Cardholder</b> <Crhdldr>	[0..1]			1178
	<b>Identification</b> <Id>	[0..1]			1182
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1182
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1182
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1183
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1183
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1183
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		1183
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1183
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1183
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1183
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1183
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1184
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1184
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1184
	<b>Department</b> <Dept>	[0..1]	Text		1184
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1184
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1184
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1184
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1185
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1185
	<b>Other</b> <Othr>	[0..*]	±		1185
	<b>Name</b> <Nm>	[0..1]	Text		1185
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1185
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1186
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1186
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1187
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1187
	<b>Authentication</b> <Authntcn>	[0..*]			1188
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1190
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1191
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1192
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1192
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1192
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1192
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1193
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1193
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1193
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1194
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1194
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1194
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1195
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1195
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1195
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1195
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1195
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1195
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1195
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1195
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1196
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1196

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Department</b> <Dept>	[0..1]	Text		1196
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1196
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1196
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1196
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1196
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1197
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1197
	<b>Other</b> <Othr>	[0..*]	±		1197
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1197
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1197
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1198
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1198
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1198
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1198
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1198
	<b>Identification</b> <Id>	[1..1]	Text		1199
	<b>Value</b> <Val>	[0..1]	Binary		1199
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1199
	<b>Type</b> <Tp>	[0..1]	Text		1199
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1199
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1200
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1201
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1201
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1201
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1202
	<b>MobileData</b> <MobData>	[0..*]			1202
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1202
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1202
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1203
	<b>Geolocation</b> <Glctn>	[0..1]			1203
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1203

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1203
	<b>Longitude</b> <Long>	[1..1]	Text		1203
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1204
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1204
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1204
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1204
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1204
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1205
	<b>IMSI</b> <IMSI>	[0..1]	Text		1205
	<b>IMEI</b> <IMEI>	[0..1]	Text		1205
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1205
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		1205
	<b>Transaction</b> <Tx>	[1..1]			1206
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1206
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1206
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1206

#### 13.4.2.2.9.1 TransactionSequenceCounter <TxSeqCntr>

*Presence:* [1..1]

*Definition:* Sequential counter of the transaction.

*Datatype:* "Max9NumericText" on page 2428

#### 13.4.2.2.9.2 TransactionResponse <TxRspn>

*Presence:* [1..1]

*Definition:* Response to the capture of the transaction.

**TransactionResponse <TxRspn>** contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1160
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1161
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1161

#### 13.4.2.2.9.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response9Code" on page 2415

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

#### 13.4.2.2.9.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

#### 13.4.2.2.9.3 Environment <Envt>

*Presence:* [1..1]

*Definition:* Data related to the environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1166
	<b>Merchant</b> <Mrchnt>	[0..1]			1166
	<b>Identification</b> <Id>	[0..1]	±		1166
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1167
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1167
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1167
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1168
	<b>POI</b> <POI>	[0..1]			1168
	<b>Identification</b> <Id>	[1..1]	±		1168
	<b>SystemName</b> <SysNm>	[0..1]	Text		1169
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1169
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1169
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1170
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1170
	<b>Component</b> <Cmpnt>	[0..*]	±		1171
	<b>Card</b> <Card>	[0..1]			1173
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1174
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1174
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1174
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1175
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1175
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1175
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1175
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1175
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1176
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1176
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1176
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1176
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1176
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1176
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1177
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1177
	<b>Wallet</b> <Wlt>	[0..1]	±		1177
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1177
	<b>Cardholder</b> <Crhdldr>	[0..1]			1178
	<b>Identification</b> <Id>	[0..1]			1182
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1182
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1182
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1183
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1183
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1183
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1183
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1183
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1183
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1183
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1183
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1184
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1184
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1184
	<b>Department</b> <Dept>	[0..1]	Text		1184
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1184
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1184
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1184
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1185
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1185
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1185
	<b>Other</b> <Othr>	[0..*]	±		1185
	<b>Name</b> <Nm>	[0..1]	Text		1185
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1185
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1186
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1186

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1187
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1187
	<b>Authentication</b> <Authntcn>	[0..*]			1188
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1190
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1191
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1192
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1192
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1192
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1192
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1193
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1193
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1193
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1194
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1194
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1194
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1195
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1195
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1195
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1195
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1195
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1195
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1195
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1195
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1196
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1196
	<b>Department</b> <Dept>	[0..1]	Text		1196
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1196
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1196
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1196
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1196
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1197



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1197
	<b>Other</b> <Othr>	[0..*]	±		1197
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1197
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1197
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1198
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1198
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1198
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1198
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1198
	<b>Identification</b> <Id>	[1..1]	Text		1199
	<b>Value</b> <Val>	[0..1]	Binary		1199
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1199
	<b>Type</b> <Tp>	[0..1]	Text		1199
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1199
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1200
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1201
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1201
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1201
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1202
	<b>MobileData</b> <MobData>	[0..*]			1202
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1202
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1202
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1203
	<b>Geolocation</b> <Glctn>	[0..1]			1203
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1203
	<b>Latitude</b> <Lat>	[1..1]	Text		1203
	<b>Longitude</b> <Long>	[1..1]	Text		1203
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1204
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1204
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1204
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1204

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1204
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1205
	<b>IMSI</b> <IMSI>	[0..1]	Text		1205
	<b>IMEI</b> <IMEI>	[0..1]	Text		1205
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1205
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1205

#### 13.4.2.2.9.3.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 13.4.2.2.9.3.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

*Usage:* In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1166
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1167
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1167
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1167
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1168

##### 13.4.2.2.9.3.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 13.4.2.2.9.3.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 13.4.2.2.9.3.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 13.4.2.2.9.3.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 13.4.2.2.9.3.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 13.4.2.2.9.3.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1168
	<b>SystemName</b> <SysNm>	[0..1]	Text		1169
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1169
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1169
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1170
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1170
	<b>Component</b> <Cmpnt>	[0..*]	±		1171

#### 13.4.2.2.9.3.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 13.4.2.2.9.3.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 13.4.2.2.9.3.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 13.4.2.2.9.3.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 13.4.2.2.9.3.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.9.3.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 13.4.2.2.9.3.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 13.4.2.2.9.3.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1174
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1174
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1174
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1175
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1175
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1175
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1175
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1175
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1176
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1176
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1176
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1176
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1176
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1176
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1177
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1177

#### 13.4.2.2.9.3.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.9.3.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 13.4.2.2.9.3.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 13.4.2.2.9.3.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.9.3.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 13.4.2.2.9.3.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 13.4.2.2.9.3.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 13.4.2.2.9.3.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 13.4.2.2.9.3.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 13.4.2.2.9.3.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 13.4.2.2.9.3.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.9.3.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.9.3.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 13.4.2.2.9.3.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 13.4.2.2.9.3.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 13.4.2.2.9.3.8 Cardholder <Crhdldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1182
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1182
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1182
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1183
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1183
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1183
	<b>SocialSecurityNumber</b> <ScIScTyNb>	[0..1]	Text		1183
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1183
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1183
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1183
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1183
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1184
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1184
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1184
	<b>Department</b> <Dept>	[0..1]	Text		1184
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1184
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1184
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1184
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1185
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1185
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1185
	<b>Other</b> <Othr>	[0..*]	±		1185
	<b>Name</b> <Nm>	[0..1]	Text		1185
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1185
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1186
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1186
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1187
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1187
	<b>Authentication</b> <Authntcn>	[0..*]			1188
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1190
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1191

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1192
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1192
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1192
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1192
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1193
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1193
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			1193
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1194
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1194
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1194
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1195
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1195
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1195
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1195
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1195
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1195
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1195
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1195
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1196
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1196
	<b>Department</b> <Dept>	[0..1]	Text		1196
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1196
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1196
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1196
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1196
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1197
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1197
	<b>Other</b> <Othr>	[0..*]	±		1197
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1197
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1197
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1198



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1198
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1198
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1198
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1198
	<b>Identification</b> <Id>	[1..1]	Text		1199
	<b>Value</b> <Val>	[0..1]	Binary		1199
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1199
	<b>Type</b> <Tp>	[0..1]	Text		1199
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1199
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1200
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1201
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1201
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1201
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1202
	<b>MobileData</b> <MobData>	[0..*]			1202
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1202
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1202
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1203
	<b>Geolocation</b> <Glctn>	[0..1]			1203
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1203
	<b>Latitude</b> <Lat>	[1..1]	Text		1203
	<b>Longitude</b> <Long>	[1..1]	Text		1203
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1204
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1204
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1204
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1204
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1204
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1205
	<b>IMSI</b> <IMSI>	[0..1]	Text		1205
	<b>IMEI</b> <IMEI>	[0..1]	Text		1205
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1205

### 13.4.2.2.9.3.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1182
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1182
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1183
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1183
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1183
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1183
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1183
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1183
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1183
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1183
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1184
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1184
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1184
	<b>Department</b> <Dept>	[0..1]	Text		1184
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1184
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1184
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1184
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1185
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1185
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1185
	<b>Other</b> <Othr>	[0..*]	±		1185

#### 13.4.2.2.9.3.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 13.4.2.2.9.3.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1184
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1185
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1185
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1185

##### 13.4.2.2.9.3.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 13.4.2.2.9.3.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 13.4.2.2.9.3.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "[GenericIdentification4](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 13.4.2.2.9.3.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 13.4.2.2.9.3.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 13.4.2.2.9.3.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 13.4.2.2.9.3.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 13.4.2.2.9.3.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 13.4.2.2.9.3.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.



**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1190
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1191
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1192
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1192
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1192
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1192
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1193
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1193
	<b>CardholderIdentification</b> <Crhdldrid>	[0..1]			1193
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1194
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1194
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1194
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1195
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1195
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1195
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1195
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1195
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1195
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1195
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1195
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1196
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1196
	<b>Department</b> <Dept>	[0..1]	Text		1196
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1196
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1196
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1196
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1196
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1197
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1197
	<b>Other</b> <Othr>	[0..*]	±		1197
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1197

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1197
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1198
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1198
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1198
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1198
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1198
	<b>Identification</b> <Id>	[1..1]	Text		1199
	<b>Value</b> <Val>	[0..1]	Binary		1199
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1199
	<b>Type</b> <Tp>	[0..1]	Text		1199

#### 13.4.2.2.9.3.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 13.4.2.2.9.3.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 13.4.2.2.9.3.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 13.4.2.2.9.3.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.9.3.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1192
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1193
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1193

##### 13.4.2.2.9.3.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.9.3.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 13.4.2.2.9.3.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.8.6 CardholderIdentification <CrhdldrId>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber &lt;DrvrLicNb&gt;</b>	[0..1]	Text		1194
	<b>DriverLicenseLocation &lt;DrvrLicLctn&gt;</b>	[0..1]	Text		1194
	<b>DriverLicenseName &lt;DrvrLicNm&gt;</b>	[0..1]	Text		1194
	<b>DriverIdentification &lt;DrvrId&gt;</b>	[0..1]	Text		1195
	<b>CustomerNumber &lt;CstmrNb&gt;</b>	[0..1]	Text		1195
	<b>SocialSecurityNumber &lt;ScIscTyNb&gt;</b>	[0..1]	Text		1195
	<b>AlienRegistrationNumber &lt;AlnRegnNb&gt;</b>	[0..1]	Text		1195
	<b>PassportNumber &lt;PsptNb&gt;</b>	[0..1]	Text		1195
	<b>TaxIdentificationNumber &lt;TaxIdNb&gt;</b>	[0..1]	Text		1195
	<b>IdentityCardNumber &lt;IdntyCardNb&gt;</b>	[0..1]	Text		1195
	<b>EmployerIdentificationNumber &lt;MplyrIdNb&gt;</b>	[0..1]	Text		1195
	<b>EmployeeIdentificationNumber &lt;MplyeIdNb&gt;</b>	[0..1]	Text		1196
	<b>JobNumber &lt;JobNb&gt;</b>	[0..1]	Text		1196
	<b>Department &lt;Dept&gt;</b>	[0..1]	Text		1196
	<b>EmailAddress &lt;EmailAdr&gt;</b>	[0..1]	Text		1196
	<b>DateAndPlaceOfBirth &lt;DtAndPlcOfBirth&gt;</b>	[0..1]			1196
	<b>BirthDate &lt;BirthDt&gt;</b>	[1..1]	Date		1196
	<b>ProvinceOfBirth &lt;PrvcOfBirth&gt;</b>	[0..1]	Text		1196
	<b>CityOfBirth &lt;CityOfBirth&gt;</b>	[1..1]	Text		1197
	<b>CountryOfBirth &lt;CtryOfBirth&gt;</b>	[1..1]	CodeSet	C2	1197
	<b>Other &lt;Othr&gt;</b>	[0..*]	±		1197

#### 13.4.2.2.9.3.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.8.6.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.8.6.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **13.4.2.2.9.3.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 13.4.2.2.9.3.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1196
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1196
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1197
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1197

##### 13.4.2.2.9.3.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 13.4.2.2.9.3.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426



#### 13.4.2.2.9.3.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 13.4.2.2.9.3.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 13.4.2.2.9.3.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1197
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1198

#### 13.4.2.2.9.3.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 13.4.2.2.9.3.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 13.4.2.2.9.3.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 13.4.2.2.9.3.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1199
	<b>Value</b> <Val>	[0..1]	Binary		1199
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1199
	<b>Type</b> <Tp>	[0..1]	Text		1199

#### 13.4.2.2.9.3.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 13.4.2.2.9.3.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 13.4.2.2.9.3.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 13.4.2.2.9.3.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 13.4.2.2.9.3.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1200
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1201
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1201
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1201

#### 13.4.2.2.9.3.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 13.4.2.2.9.3.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 13.4.2.2.9.3.8.9.3 Result <RsIt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 13.4.2.2.9.3.8.9.4 AdditionalResult <AddtlRsIt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 13.4.2.2.9.3.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 13.4.2.2.9.3.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1202
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1202
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1203
	<b>Geolocation</b> <Glctn>	[0..1]			1203
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1203
	<b>Latitude</b> <Lat>	[1..1]	Text		1203
	<b>Longitude</b> <Long>	[1..1]	Text		1203
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1204
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1204
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1204
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1204
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1204
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1205
	<b>IMSI</b> <IMSI>	[0..1]	Text		1205
	<b>IMEI</b> <IMEI>	[0..1]	Text		1205
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1205

##### 13.4.2.2.9.3.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 13.4.2.2.9.3.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 13.4.2.2.9.3.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1203
	<b>Latitude</b> <Lat>	[1..1]	Text		1203
	<b>Longitude</b> <Long>	[1..1]	Text		1203
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1204
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1204
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1204
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1204

#### 13.4.2.2.9.3.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1203
	<b>Longitude</b> <Long>	[1..1]	Text		1203

#### 13.4.2.2.9.3.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 13.4.2.2.9.3.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1204
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1204
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1204

##### 13.4.2.2.9.3.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.9.3.8.11.4.2.2 UTMEastward <UTMEstwrdr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.9.3.8.11.4.2.3 UTMNorthward <UTMNrthwrdr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 13.4.2.2.9.3.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.



**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1205
	<b>IMSI</b> <IMSI>	[0..1]	Text		1205
	<b>IMEI</b> <IMEI>	[0..1]	Text		1205

#### 13.4.2.2.9.3.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.9.3.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.9.3.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 13.4.2.2.9.3.8.11.6 ProtectedMobileData <PrctcdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrctcdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.9.3.9 ProtectedCardholderData <PrctcdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see ["ContentInformationType22" on page 2346](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 13.4.2.2.9.4 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Transaction that has been rejected.

**Transaction <Tx>** contains the following **CardPaymentTransactionAdviceResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1206
	TransactionIdentification <TxId>	[1..1]	±		1206
	Response <Rspn>	[1..1]	CodeSet		1206

##### 13.4.2.2.9.4.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* ["Max35Text" on page 2426](#)

##### 13.4.2.2.9.4.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentifier1" on page 2315](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

##### 13.4.2.2.9.4.3 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of a requested service.

*Datatype:* ["Response1Code" on page 2414](#)

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.

CodeName	Name	Definition
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

### 13.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC or a digital signature.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1207
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1207

#### 13.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 13.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "AuthenticatedData6" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

# **14      caaa.013.001.08          AcceptorDiagnosticRequestV08**

## **14.1    MessageDefinition Functionality**

The AcceptorDiagnosticRequest message is sent by an acceptor (or its agent) to the acquirer (or its agent), to check the end-to-end communication, to test the availability of this acquirer, or to validate the security environment.

### Outline

The AcceptorDiagnosticRequestV08 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Diagnostic request message management information.
- B. DiagnosticRequest  
Information related to the diagnostic request.
- C. SecurityTrailer  
Trailer of the message containing a MAC.

## 14.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrDgnstcReq>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			1215
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1215
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1216
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		1216
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		1217
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1217
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1217
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1217
	<b>Traceability</b> <Tracblt>	[0..*]	±		1218
	<b>DiagnosticRequest</b> <DgnstcReq>	[1..1]			1218
	<b>Environment</b> <Envt>	[1..1]			1223
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1228
	<b>Merchant</b> <Mrchnt>	[0..1]			1228
	<b>Identification</b> <Id>	[0..1]	±		1228
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1229
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1229
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1229
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1230
	<b>POI</b> <POI>	[0..1]			1230
	<b>Identification</b> <Id>	[1..1]	±		1230
	<b>SystemName</b> <SysNm>	[0..1]	Text		1231
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		1231
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1231
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1232
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1232
	<b>Component</b> <Cmpnt>	[0..*]	±		1233
	<b>Card</b> <Card>	[0..1]			1235
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1236
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1236

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1236
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1237
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1237
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1237
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1237
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1237
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1238
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1238
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1238
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1238
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1238
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1238
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1239
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1239
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1239
	<b>Wallet</b> <Wllt>	[0..1]	±		1239
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1239
	<b>Cardholder</b> <Crhdldr>	[0..1]			1240
	<b>Identification</b> <Id>	[0..1]			1244
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1244
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1244
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1245
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1245
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1245
	<b>SocialSecurityNumber</b> <ScIScyNb>	[0..1]	Text		1245
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1245
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1245
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1245
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1245
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1246
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1246

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1246
	<b>Department</b> <Dept>	[0..1]	Text		1246
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1246
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1246
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1246
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1247
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1247
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1247
	<b>Other</b> <Othr>	[0..*]	±		1247
	<b>Name</b> <Nm>	[0..1]	Text		1247
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1247
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1248
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1248
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1249
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1249
	<b>Authentication</b> <Authntcn>	[0..*]			1250
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1252
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1253
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1254
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1254
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1254
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1254
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1255
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1255
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			1255
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1256
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1256
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1256
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1257
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1257
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1257



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		1257
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1257
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1257
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1257
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1257
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1258
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1258
	<b>Department</b> <Dept>	[0..1]	Text		1258
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1258
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1258
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1258
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1258
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1259
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1259
	<b>Other</b> <Othr>	[0..*]	±		1259
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1259
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1259
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1260
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1260
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1260
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1260
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1260
	<b>Identification</b> <Id>	[1..1]	Text		1261
	<b>Value</b> <Val>	[0..1]	Binary		1261
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1261
	<b>Type</b> <Tp>	[0..1]	Text		1261
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1261
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1262
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1263
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1263
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1263

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1264
	<b>MobileData</b> <MobData>	[0..*]			1264
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1264
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1264
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1265
	<b>Geolocation</b> <Glctr>	[0..1]			1265
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1265
	<b>Latitude</b> <Lat>	[1..1]	Text		1265
	<b>Longitude</b> <Long>	[1..1]	Text		1265
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1266
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1266
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1266
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1266
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1266
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1267
	<b>IMSI</b> <IMSI>	[0..1]	Text		1267
	<b>IMEI</b> <IMEI>	[0..1]	Text		1267
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1267
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1267
	<b>AcquirerAvailabilityRequested</b> <AcqrrAvlbtyReqd>	[0..1]	Indicator		1268
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			1268
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1268
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1269

## 14.3 Constraints

### C1 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C2 ValidationByTable

Must be a valid terrestrial language.

## 14.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 14.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Diagnostic request message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1215
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1216
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		1216
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntnr>	[0..1]	Text		1217
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1217
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1217
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1217
	<b>Traceability</b> <Tracblt>	[0..*]	±		1218

#### 14.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.

CodeName	Name	Definition
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 14.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 14.4.1.3 Exchangeldentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 14.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 14.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 14.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 14.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2248

#### 14.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 14.4.2 DiagnosticRequest <DgnstcReq>

*Presence:* [1..1]

*Definition:* Information related to the diagnostic request.

**DiagnosticRequest <DgnstcReq>** contains the following **AcceptorDiagnosticRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]			1223
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1228
	<b>Merchant</b> <Mrchnt>	[0..1]			1228
	<b>Identification</b> <Id>	[0..1]	±		1228
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1229
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1229
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1229
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1230
	<b>POI</b> <POI>	[0..1]			1230
	<b>Identification</b> <Id>	[1..1]	±		1230
	<b>SystemName</b> <SysNm>	[0..1]	Text		1231
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1231
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1231
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1232
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1232
	<b>Component</b> <Cmpnt>	[0..*]	±		1233
	<b>Card</b> <Card>	[0..1]			1235
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1236
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1236
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1236
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1237
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1237
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1237
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1237
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1237
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1238
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1238
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1238
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1238
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1238
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1238

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1239
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1239
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1239
	<b>Wallet</b> <Wlt>	[0..1]	±		1239
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1239
	<b>Cardholder</b> <Crhdldr>	[0..1]			1240
	<b>Identification</b> <Id>	[0..1]			1244
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1244
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1244
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1245
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1245
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1245
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1245
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1245
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1245
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1245
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1245
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1246
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1246
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1246
	<b>Department</b> <Dept>	[0..1]	Text		1246
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1246
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1246
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1246
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1247
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1247
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1247
	<b>Other</b> <Othr>	[0..*]	±		1247
	<b>Name</b> <Nm>	[0..1]	Text		1247
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1247
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1248



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1248
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1249
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1249
	<b>Authentication</b> <Authntcn>	[0..*]			1250
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1252
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1253
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1254
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1254
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1254
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1254
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1255
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1255
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1255
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1256
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1256
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1256
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1257
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1257
	<b>SocialSecurityNumber</b> <ScIScyNb>	[0..1]	Text		1257
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1257
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1257
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1257
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1257
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1257
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1258
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1258
	<b>Department</b> <Dept>	[0..1]	Text		1258
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1258
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1258
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1258
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1258

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1259
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1259
	<b>Other</b> <Othr>	[0..*]	±		1259
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1259
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1259
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1260
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1260
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1260
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1260
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1260
	<b>Identification</b> <Id>	[1..1]	Text		1261
	<b>Value</b> <Val>	[0..1]	Binary		1261
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1261
	<b>Type</b> <Tp>	[0..1]	Text		1261
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1261
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1262
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1263
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1263
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1263
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1264
	<b>MobileData</b> <MobData>	[0..*]			1264
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1264
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1264
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1265
	<b>Geolocation</b> <Glctn>	[0..1]			1265
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1265
	<b>Latitude</b> <Lat>	[1..1]	Text		1265
	<b>Longitude</b> <Long>	[1..1]	Text		1265
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1266
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1266
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1266

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMNorthward</b> <UTMNRthwrd>	[1..1]	Text		1266
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1266
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1267
	<b>IMSI</b> <IMSI>	[0..1]	Text		1267
	<b>IMEI</b> <IMEI>	[0..1]	Text		1267
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1267
	<b>ProtectedCardholderData</b> <PrtctdCrdrHldrData>	[0..1]	±		1267
	<b>AcquirerAvailabilityRequested</b> <AcqrrAvlbttyReqd>	[0..1]	Indicator		1268

#### 14.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1228
	<b>Merchant</b> <Mrchnt>	[0..1]			1228
	<b>Identification</b> <Id>	[0..1]	±		1228
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1229
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1229
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1229
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1230
	<b>POI</b> <POI>	[0..1]			1230
	<b>Identification</b> <Id>	[1..1]	±		1230
	<b>SystemName</b> <SysNm>	[0..1]	Text		1231
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1231
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1231
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1232
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1232
	<b>Component</b> <Cmpnt>	[0..*]	±		1233
	<b>Card</b> <Card>	[0..1]			1235
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1236
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1236
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1236
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1237
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1237
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1237
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1237
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1237
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1238
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1238
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1238
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1238
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1238
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1238
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1239

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1239
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1239
	<b>Wallet</b> <Wlt>	[0..1]	±		1239
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1239
	<b>Cardholder</b> <Crhdldr>	[0..1]			1240
	<b>Identification</b> <Id>	[0..1]			1244
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1244
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1244
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1245
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1245
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1245
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1245
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1245
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1245
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1245
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1245
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1246
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1246
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1246
	<b>Department</b> <Dept>	[0..1]	Text		1246
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1246
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1246
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1246
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1247
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1247
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1247
	<b>Other</b> <Othr>	[0..*]	±		1247
	<b>Name</b> <Nm>	[0..1]	Text		1247
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1247
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1248
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1248

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1249
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1249
	<b>Authentication</b> <Authntcn>	[0..*]			1250
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1252
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1253
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1254
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1254
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1254
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1254
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1255
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1255
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1255
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1256
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1256
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1256
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1257
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1257
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		1257
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1257
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1257
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1257
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1257
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1257
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1258
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1258
	<b>Department</b> <Dept>	[0..1]	Text		1258
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1258
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1258
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1258
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1258
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1259

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1259
	<b>Other</b> <Othr>	[0..*]	±		1259
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1259
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1259
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1260
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1260
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1260
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1260
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1260
	<b>Identification</b> <Id>	[1..1]	Text		1261
	<b>Value</b> <Val>	[0..1]	Binary		1261
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1261
	<b>Type</b> <Tp>	[0..1]	Text		1261
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1261
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1262
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1263
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1263
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1263
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1264
	<b>MobileData</b> <MobData>	[0..*]			1264
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1264
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1264
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1265
	<b>Geolocation</b> <Glctn>	[0..1]			1265
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1265
	<b>Latitude</b> <Lat>	[1..1]	Text		1265
	<b>Longitude</b> <Long>	[1..1]	Text		1265
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1266
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1266
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1266
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1266

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1266
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1267
	<b>IMSI</b> <IMSI>	[0..1]	Text		1267
	<b>IMEI</b> <IMEI>	[0..1]	Text		1267
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1267
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1267

#### 14.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "[Acquirer10](#)" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 14.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1228
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1229
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1229
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1229
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1230

##### 14.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.



**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 14.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 14.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 14.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 14.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 14.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1230
	<b>SystemName</b> <SysNm>	[0..1]	Text		1231
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1231
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		1231
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1232
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1232
	<b>Component</b> <Cmpnt>	[0..*]	±		1233

##### 14.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 14.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 14.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 14.4.2.1.3.4 Capabilities <Cpbilities>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 14.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 14.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 14.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 14.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1236
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1236
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1236
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1237
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1237
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1237
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1237
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1237
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1238
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1238
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1238
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1238
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1238
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1238
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1239
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1239

#### 14.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 14.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 14.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]



*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 14.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 14.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 14.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 14.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 14.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 14.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 14.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 14.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 14.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 14.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 14.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 14.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 14.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdrHldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1244
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1244
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1244
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1245
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1245
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1245
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1245
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1245
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1245
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1245
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1245
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1246
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1246
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1246
	<b>Department</b> <Dept>	[0..1]	Text		1246
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1246
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1246
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1246
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1247
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1247
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1247
	<b>Other</b> <Othr>	[0..*]	±		1247
	<b>Name</b> <Nm>	[0..1]	Text		1247
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1247
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1248
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1248
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1249
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1249
	<b>Authentication</b> <Authntcn>	[0..*]			1250
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1252
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1253

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1254
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1254
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1254
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1254
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1255
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1255
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1255
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1256
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1256
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1256
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1257
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1257
	<b>SocialSecurityNumber</b> <ScIScyNb>	[0..1]	Text		1257
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1257
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1257
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1257
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1257
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1257
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1258
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1258
	<b>Department</b> <Dept>	[0..1]	Text		1258
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1258
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1258
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1258
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1258
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1259
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1259
	<b>Other</b> <Othr>	[0..*]	±		1259
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1259
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1259
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1260

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1260
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1260
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1260
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1260
	<b>Identification</b> <Id>	[1..1]	Text		1261
	<b>Value</b> <Val>	[0..1]	Binary		1261
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1261
	<b>Type</b> <Tp>	[0..1]	Text		1261
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1261
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1262
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1263
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1263
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1263
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1264
	<b>MobileData</b> <MobData>	[0..*]			1264
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1264
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1264
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1265
	<b>Geolocation</b> <Glctn>	[0..1]			1265
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1265
	<b>Latitude</b> <Lat>	[1..1]	Text		1265
	<b>Longitude</b> <Long>	[1..1]	Text		1265
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1266
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1266
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1266
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1266
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1266
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1267
	<b>IMSI</b> <IMSI>	[0..1]	Text		1267
	<b>IMEI</b> <IMEI>	[0..1]	Text		1267
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1267

#### 14.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1244
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1244
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1245
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1245
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1245
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1245
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1245
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1245
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1245
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1245
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1246
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1246
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1246
	<b>Department</b> <Dept>	[0..1]	Text		1246
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1246
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1246
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1246
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1247
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1247
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1247
	<b>Other</b> <Othr>	[0..*]	±		1247

##### 14.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 14.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.



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*Datatype:* "Max35Text" on page 2426

**14.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

**14.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

**14.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

**14.4.2.1.8.1.6 SocialSecurityNumber <ScIscTyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

**14.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

**14.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

**14.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

**14.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 14.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1246
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1247
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1247
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1247

##### 14.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 14.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 14.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 14.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 14.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 14.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 14.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 14.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 14.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1252
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1253
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1254
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1254
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1254
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1254
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1255
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1255
	<b>CardholderIdentification</b> <Crhdldrid>	[0..1]			1255
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1256
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1256
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1256
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1257
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1257
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1257
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1257
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1257
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1257
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1257
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1257
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1258
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1258
	<b>Department</b> <Dept>	[0..1]	Text		1258
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1258
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1258
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1258
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1258
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1259
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1259
	<b>Other</b> <Othr>	[0..*]	±		1259
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1259

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1259
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1260
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1260
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1260
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1260
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1260
	<b>Identification</b> <Id>	[1..1]	Text		1261
	<b>Value</b> <Val>	[0..1]	Binary		1261
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1261
	<b>Type</b> <Tp>	[0..1]	Text		1261

#### 14.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).



CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 14.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 14.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 14.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 14.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1254
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1255
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1255

##### 14.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 14.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 14.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1256
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1256
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1256
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1257
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1257
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		1257
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1257
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1257
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1257
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1257
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1257
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1258
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1258
	<b>Department</b> <Dept>	[0..1]	Text		1258
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1258
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1258
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1258
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1258
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1259
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1259
	<b>Other</b> <Othr>	[0..*]	±		1259

#### 14.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **14.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **14.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **14.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **14.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **14.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **14.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **14.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **14.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 14.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1258
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1258
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1259
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1259

#### 14.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 14.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 14.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 14.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1259
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1260

#### 14.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 14.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 14.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 14.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.



**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1261
	<b>Value</b> <Val>	[0..1]	Binary		1261
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1261
	<b>Type</b> <Tp>	[0..1]	Text		1261

#### 14.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 14.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 14.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 14.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 14.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1262
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1263
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1263
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1263

#### 14.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 14.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 14.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 14.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 14.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 14.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1264
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1264
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1265
	<b>Geolocation</b> <Glctn>	[0..1]			1265
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1265
	<b>Latitude</b> <Lat>	[1..1]	Text		1265
	<b>Longitude</b> <Long>	[1..1]	Text		1265
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1266
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1266
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1266
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1266
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1266
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1267
	<b>IMSI</b> <IMSI>	[0..1]	Text		1267
	<b>IMEI</b> <IMEI>	[0..1]	Text		1267
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1267

##### 14.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 14.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 14.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1265
	<b>Latitude</b> <Lat>	[1..1]	Text		1265
	<b>Longitude</b> <Long>	[1..1]	Text		1265
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1266
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1266
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1266
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1266

##### 14.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1265
	<b>Longitude</b> <Long>	[1..1]	Text		1265

##### 14.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

##### 14.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 14.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1266
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1266
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1266

##### 14.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 14.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 14.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 14.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1267
	<b>IMSI</b> <IMSI>	[0..1]	Text		1267
	<b>IMEI</b> <IMEI>	[0..1]	Text		1267

#### 14.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 14.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 14.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 14.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 14.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 14.4.2.2 AcquirerAvailabilityRequested <AcqrrAvlbttyReqd>

*Presence:* [0..1]

*Definition:* Indicates if the availability of the acquirer must be tested.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

### 14.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1268
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1269

#### 14.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).



### 14.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

# **15      caaa.014.001.07           AcceptorDiagnosticResponseV07**

## **15.1    MessageDefinition Functionality**

The AcceptorDiagnosticResponse message is sent by the acquirer (or its agent) to provide to the acceptor the result of the diagnostic request.

### Outline

The AcceptorDiagnosticResponseV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Diagnostic response message management information.
- B. DiagnosticResponse  
Information related to the diagnostic response.
- C. SecurityTrailer  
Trailer of the message containing a MAC.

## 15.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrDgnstcRspn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			1276
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1276
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1278
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		1278
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		1278
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1278
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1278
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1278
	<b>Traceability</b> <Tracblt>	[0..*]	±		1279
	<b>DiagnosticResponse</b> <DgnstcRspn>	[1..1]			1279
	<b>Environment</b> <Envnt>	[1..1]			1284
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1289
	<b>Merchant</b> <Mrchnt>	[0..1]			1289
	<b>Identification</b> <Id>	[0..1]	±		1289
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1290
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1290
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1290
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1291
	<b>POI</b> <POI>	[0..1]			1291
	<b>Identification</b> <Id>	[1..1]	±		1291
	<b>SystemName</b> <SysNm>	[0..1]	Text		1292
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		1292
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1292
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1293
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1293
	<b>Component</b> <Cmpnt>	[0..*]	±		1294
	<b>Card</b> <Card>	[0..1]			1296
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1297
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1297

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1297
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1298
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1298
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1298
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1298
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1298
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1299
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1299
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1299
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1299
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1299
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1299
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1300
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1300
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1300
	<b>Wallet</b> <Wllt>	[0..1]	±		1300
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1300
	<b>Cardholder</b> <Crdhlldr>	[0..1]			1301
	<b>Identification</b> <Id>	[0..1]			1305
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1305
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1305
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1306
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1306
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1306
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1306
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1306
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1306
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1306
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1306
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1307
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1307

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1307
	<b>Department</b> <Dept>	[0..1]	Text		1307
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1307
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1307
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1307
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1308
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1308
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1308
	<b>Other</b> <Othr>	[0..*]	±		1308
	<b>Name</b> <Nm>	[0..1]	Text		1308
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1308
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1309
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1309
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1310
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1310
	<b>Authentication</b> <Authntcn>	[0..*]			1311
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1313
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1314
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1315
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1315
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1315
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1315
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1316
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1316
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1316
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1317
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1317
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1317
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1318
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1318
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1318

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1318
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1318
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1318
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1318
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1318
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1319
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1319
	<b>Department</b> <Dept>	[0..1]	Text		1319
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1319
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1319
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1319
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1319
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1320
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1320
	<b>Other</b> <Othr>	[0..*]	±		1320
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1320
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1320
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1321
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1321
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1321
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1321
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1321
	<b>Identification</b> <Id>	[1..1]	Text		1322
	<b>Value</b> <Val>	[0..1]	Binary		1322
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1322
	<b>Type</b> <Tp>	[0..1]	Text		1322
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1322
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1323
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1324
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1324
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1324

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1325
	<b>MobileData</b> <MobData>	[0..*]			1325
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1325
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1325
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1326
	<b>Geolocation</b> <Glctr>	[0..1]			1326
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1326
	<b>Latitude</b> <Lat>	[1..1]	Text		1326
	<b>Longitude</b> <Long>	[1..1]	Text		1326
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1327
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1327
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1327
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1327
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1327
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1328
	<b>IMSI</b> <IMSI>	[0..1]	Text		1328
	<b>IMEI</b> <IMEI>	[0..1]	Text		1328
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1328
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1328
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			1329
	<b>TMSContactLevel</b> <TMSctctLvl>	[1..1]	CodeSet		1329
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		1329
	<b>TMSContactDateTime</b> <TMSctctDtTm>	[0..1]	DateTime		1329
	<b>AcquirerAvailable</b> <AcqrrAvlbl>	[0..1]	Indicator		1330
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			1330
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1330
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1330

## 15.3 Constraints

### C1 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C2 ValidationByTable

Must be a valid terrestrial language.

## 15.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 15.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Diagnostic response message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1276
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1278
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		1278
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		1278
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1278
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1278
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1278
	<b>Traceability</b> <Tracblt>	[0..*]	±		1279

#### 15.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.



CodeName	Name	Definition
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 15.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 15.4.1.3 ExchangeIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 15.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 15.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 15.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 15.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

### 15.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

## 15.4.2 DiagnosticResponse <DgnstcRspn>

*Presence:* [1..1]

*Definition:* Information related to the diagnostic response.

**DiagnosticResponse <DgnstcRspn>** contains the following **AcceptorDiagnosticResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envnt>	[1..1]			1284
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1289
	<b>Merchant</b> <Mrchnt>	[0..1]			1289
	<b>Identification</b> <Id>	[0..1]	±		1289
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1290
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1290
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1290
	<b>SchemaData</b> <SchmeData>	[0..1]	Text		1291
	<b>POI</b> <POI>	[0..1]			1291
	<b>Identification</b> <Id>	[1..1]	±		1291
	<b>SystemName</b> <SysNm>	[0..1]	Text		1292
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1292
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1292
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1293
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1293
	<b>Component</b> <Cmpnt>	[0..*]	±		1294
	<b>Card</b> <Card>	[0..1]			1296
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1297
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1297
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1297
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1298
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1298
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1298
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1298
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1298
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1299
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1299
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1299
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1299
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1299

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1299
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1300
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1300
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1300
	<b>Wallet</b> <Wlt>	[0..1]	±		1300
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1300
	<b>Cardholder</b> <Crhdldr>	[0..1]			1301
	<b>Identification</b> <Id>	[0..1]			1305
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1305
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1305
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1306
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1306
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1306
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		1306
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1306
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1306
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1306
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1306
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1307
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1307
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1307
	<b>Department</b> <Dept>	[0..1]	Text		1307
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1307
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1307
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1307
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1308
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1308
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1308
	<b>Other</b> <Othr>	[0..*]	±		1308
	<b>Name</b> <Nm>	[0..1]	Text		1308
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1308

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1309
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1309
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1310
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1310
	<b>Authentication</b> <Authntcn>	[0..*]			1311
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1313
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1314
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1315
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1315
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1315
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1315
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1316
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1316
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1316
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1317
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1317
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1317
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1318
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1318
	<b>SocialSecurityNumber</b> <ScIStyNb>	[0..1]	Text		1318
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1318
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1318
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1318
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1318
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1318
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1319
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1319
	<b>Department</b> <Dept>	[0..1]	Text		1319
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1319
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1319
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1319

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1319
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1320
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1320
	<b>Other</b> <Othr>	[0..*]	±		1320
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1320
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1320
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1321
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1321
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1321
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1321
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1321
	<b>Identification</b> <Id>	[1..1]	Text		1322
	<b>Value</b> <Val>	[0..1]	Binary		1322
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1322
	<b>Type</b> <Tp>	[0..1]	Text		1322
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1322
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1323
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1324
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1324
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1324
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1325
	<b>MobileData</b> <MobData>	[0..*]			1325
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1325
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1325
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1326
	<b>Geolocation</b> <Glctn>	[0..1]			1326
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1326
	<b>Latitude</b> <Lat>	[1..1]	Text		1326
	<b>Longitude</b> <Long>	[1..1]	Text		1326
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1327
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1327

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1327
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1327
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1327
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1328
	<b>IMSI</b> <IMSI>	[0..1]	Text		1328
	<b>IMEI</b> <IMEI>	[0..1]	Text		1328
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1328
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1328
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			1329
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		1329
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		1329
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		1329
	<b>AcquirerAvailable</b> <AcqrrAvlbl>	[0..1]	Indicator		1330

#### 15.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.



**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1289
	<b>Merchant</b> <Mrchnt>	[0..1]			1289
	<b>Identification</b> <Id>	[0..1]	±		1289
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1290
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1290
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1290
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1291
	<b>POI</b> <POI>	[0..1]			1291
	<b>Identification</b> <Id>	[1..1]	±		1291
	<b>SystemName</b> <SysNm>	[0..1]	Text		1292
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1292
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1292
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1293
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1293
	<b>Component</b> <Cmpnt>	[0..*]	±		1294
	<b>Card</b> <Card>	[0..1]			1296
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1297
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1297
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1297
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1298
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1298
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1298
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1298
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1298
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1299
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1299
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1299
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1299
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1299
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1299
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1300

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1300
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1300
	<b>Wallet</b> <Wlt>	[0..1]	±		1300
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1300
	<b>Cardholder</b> <Crhdldr>	[0..1]			1301
	<b>Identification</b> <Id>	[0..1]			1305
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1305
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1305
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1306
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1306
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1306
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1306
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1306
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1306
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1306
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1306
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1307
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1307
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1307
	<b>Department</b> <Dept>	[0..1]	Text		1307
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1307
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1307
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1307
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1308
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1308
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1308
	<b>Other</b> <Othr>	[0..*]	±		1308
	<b>Name</b> <Nm>	[0..1]	Text		1308
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1308
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1309
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1310
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1310
	<b>Authentication</b> <Authntcn>	[0..*]			1311
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1313
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1314
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1315
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1315
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1315
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1315
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1316
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1316
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1316
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1317
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1317
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1317
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1318
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1318
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		1318
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1318
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1318
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1318
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1318
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1318
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1319
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1319
	<b>Department</b> <Dept>	[0..1]	Text		1319
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1319
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1319
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1319
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1319
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1320

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1320
	<b>Other</b> <Othr>	[0..*]	±		1320
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1320
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1320
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1321
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1321
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1321
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1321
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1321
	<b>Identification</b> <Id>	[1..1]	Text		1322
	<b>Value</b> <Val>	[0..1]	Binary		1322
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1322
	<b>Type</b> <Tp>	[0..1]	Text		1322
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1322
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1323
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1324
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1324
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1324
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1325
	<b>MobileData</b> <MobData>	[0..*]			1325
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1325
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1325
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1326
	<b>Geolocation</b> <Glctn>	[0..1]			1326
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1326
	<b>Latitude</b> <Lat>	[1..1]	Text		1326
	<b>Longitude</b> <Long>	[1..1]	Text		1326
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1327
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1327
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1327
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1327

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1327
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1328
	<b>IMSI</b> <IMSI>	[0..1]	Text		1328
	<b>IMEI</b> <IMEI>	[0..1]	Text		1328
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1328
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1328

#### 15.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 15.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1289
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1290
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1290
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1290
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1291

##### 15.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 15.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 15.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 15.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 15.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 15.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1291
	<b>SystemName</b> <SysNm>	[0..1]	Text		1292
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1292
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		1292
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1293
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1293
	<b>Component</b> <Cmpnt>	[0..*]	±		1294

##### 15.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 15.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 15.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 15.4.2.1.3.4 Capabilities <Cpbilities>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.



**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 15.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 15.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 15.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 15.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1297
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1297
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1297
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1298
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1298
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1298
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1298
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1298
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1299
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1299
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1299
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1299
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1299
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1299
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1300
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1300

#### 15.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 15.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 15.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 15.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 15.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 15.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 15.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 15.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 15.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 15.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 15.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 15.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 15.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 15.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 15.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.



**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 15.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1305
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1305
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1305
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1306
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1306
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1306
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1306
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1306
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1306
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1306
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1306
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1307
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1307
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1307
	<b>Department</b> <Dept>	[0..1]	Text		1307
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1307
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1307
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1307
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1308
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1308
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1308
	<b>Other</b> <Othr>	[0..*]	±		1308
	<b>Name</b> <Nm>	[0..1]	Text		1308
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1308
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1309
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1309
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1310
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1310
	<b>Authentication</b> <Authntcn>	[0..*]			1311
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1313
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1314

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1315
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1315
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1315
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1315
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1316
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1316
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			1316
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1317
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1317
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1317
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1318
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1318
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1318
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1318
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1318
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1318
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1318
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1318
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1319
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1319
	<b>Department</b> <Dept>	[0..1]	Text		1319
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1319
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1319
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1319
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1319
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1320
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1320
	<b>Other</b> <Othr>	[0..*]	±		1320
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1320
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1320
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1321

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1321
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1321
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1321
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1321
	<b>Identification</b> <Id>	[1..1]	Text		1322
	<b>Value</b> <Val>	[0..1]	Binary		1322
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1322
	<b>Type</b> <Tp>	[0..1]	Text		1322
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1322
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1323
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1324
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1324
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1324
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1325
	<b>MobileData</b> <MobData>	[0..*]			1325
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1325
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1325
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1326
	<b>Geolocation</b> <Glctn>	[0..1]			1326
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1326
	<b>Latitude</b> <Lat>	[1..1]	Text		1326
	<b>Longitude</b> <Long>	[1..1]	Text		1326
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1327
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1327
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1327
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1327
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1327
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1328
	<b>IMSI</b> <IMSI>	[0..1]	Text		1328
	<b>IMEI</b> <IMEI>	[0..1]	Text		1328
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1328

#### 15.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1305
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1305
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1306
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1306
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1306
	<b>SocialSecurityNumber</b> <ScIscItyNb>	[0..1]	Text		1306
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1306
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1306
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1306
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1306
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1307
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1307
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1307
	<b>Department</b> <Dept>	[0..1]	Text		1307
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1307
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1307
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1307
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1308
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1308
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1308
	<b>Other</b> <Othr>	[0..*]	±		1308

##### 15.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 15.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 15.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1307
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1308
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1308
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1308

##### 15.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 15.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 15.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 15.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 15.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C2 "ValidationByTable"



*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 15.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 15.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 15.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 15.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1313
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1314
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1315
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1315
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1315
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1315
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1316
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1316
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			1316
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1317
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1317
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1317
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1318
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1318
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1318
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1318
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1318
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1318
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1318
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1318
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1319
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1319
	<b>Department</b> <Dept>	[0..1]	Text		1319
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1319
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1319
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1319
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1319
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1320
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1320
	<b>Other</b> <Othr>	[0..*]	±		1320
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1320

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1320
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1321
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1321
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1321
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1321
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1321
	<b>Identification</b> <Id>	[1..1]	Text		1322
	<b>Value</b> <Val>	[0..1]	Binary		1322
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1322
	<b>Type</b> <Tp>	[0..1]	Text		1322

#### 15.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 15.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 15.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 15.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 15.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1315
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1316
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1316

##### 15.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 15.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 15.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.



**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1317
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1317
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1317
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1318
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1318
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		1318
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1318
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1318
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1318
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1318
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1318
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1319
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1319
	<b>Department</b> <Dept>	[0..1]	Text		1319
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1319
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1319
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1319
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1319
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1320
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1320
	<b>Other</b> <Othr>	[0..*]	±		1320

#### 15.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **15.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 15.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1319
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1319
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1320
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1320

#### 15.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 15.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 15.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 15.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1320
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1321

#### 15.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 15.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 15.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 15.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1322
	<b>Value</b> <Val>	[0..1]	Binary		1322
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1322
	<b>Type</b> <Tp>	[0..1]	Text		1322

#### 15.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 15.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 15.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 15.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 15.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRsIt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1323
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1324
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1324
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1324

#### 15.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 15.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 15.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 15.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427



#### 15.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 15.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1325
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1325
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1326
	<b>Geolocation</b> <Glctn>	[0..1]			1326
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1326
	<b>Latitude</b> <Lat>	[1..1]	Text		1326
	<b>Longitude</b> <Long>	[1..1]	Text		1326
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1327
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1327
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1327
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1327
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1327
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1328
	<b>IMSI</b> <IMSI>	[0..1]	Text		1328
	<b>IMEI</b> <IMEI>	[0..1]	Text		1328
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1328

##### 15.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 15.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 15.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1326
	<b>Latitude</b> <Lat>	[1..1]	Text		1326
	<b>Longitude</b> <Long>	[1..1]	Text		1326
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1327
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1327
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1327
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1327

##### 15.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1326
	<b>Longitude</b> <Long>	[1..1]	Text		1326

##### 15.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

##### 15.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 15.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1327
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1327
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1327

##### 15.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 15.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 15.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 15.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1328
	<b>IMSI</b> <IMSI>	[0..1]	Text		1328
	<b>IMEI</b> <IMEI>	[0..1]	Text		1328

#### 15.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 15.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 15.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 15.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 15.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 15.4.2.2 TMSTrigger <TMSTrggr>

*Presence:* [0..1]

*Definition:* Instructions for contacting the terminal management host.

**TMSTrigger <TMSTrggr>** contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1329
	TMSIdentification <TMSId>	[0..1]	Text		1329
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1329

##### 15.4.2.2.1 TMSContactLevel <TMSCtctLvl>

*Presence:* [1..1]

*Definition:* Level of urgency in contacting the maintenance.

*Datatype:* "TMSContactLevel1Code" on page 2415

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

##### 15.4.2.2.2 TMSIdentification <TMSId>

*Presence:* [0..1]

*Definition:* Identification of the host to contact for the maintenance.

*Datatype:* "Max35Text" on page 2426

##### 15.4.2.2.3 TMSContactDateTime <TMSCtctDtTm>

*Presence:* [0..1]

*Definition:* Date and time for calling the maintenance.

*Datatype:* "ISODateTime" on page 2420

### 15.4.2.3 AcquirerAvailable <AcqrrAvlbl>

*Presence:* [0..1]

*Definition:* Indicates if the acquirer is available.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

## 15.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1330
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1330

### 15.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 15.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

# 16 caaa.015.001.06 AcceptorRejectionV06

## 16.1 MessageDefinition Functionality

The AcceptorRejection message is sent by the acquirer (or its agent) to reject a message request or advice sent by an acceptor (or its agent), to indicate that the received message could not be processed.

Outline

The AcceptorRejectionV06 MessageDefinition is composed of 2 MessageBuildingBlocks:

- A. Header  
Rejection message management information.
- B. Reject  
Information related to the reject.

## 16.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<i>Message root</i> <Document> <AccptrRjctn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			1333
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1333
	<b>ProtocolVersion</b> <PrctlVrsn>	[1..1]	Text		1333
	<b>ExchangeIdentification</b> <XchgId>	[0..1]	Quantity		1333
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1333
	<b>InitiatingParty</b> <InitgPty>	[0..1]	±		1334
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1334
	<b>Traceability</b> <Tracblt>	[0..*]	±		1335
	<b>Reject</b> <Rjct>	[1..1]			1335
	<b>RejectReason</b> <RjctRsn>	[1..1]	CodeSet		1335
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1336
	<b>MessageInError</b> <MsgInErr>	[0..1]	Binary		1336

## 16.3 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.



## 16.3.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Rejection message management information.

**Header <Hdr>** contains the following **Header57** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1333
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1333
	<b>ExchangeIdentification</b> <Xchgld>	[0..1]	Quantity		1333
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1333
	<b>InitiatingParty</b> <InitgPty>	[0..1]	±		1334
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1334
	<b>Traceability</b> <Tracblt>	[0..*]	±		1335

### 16.3.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction9Code" on page 2406

CodeName	Name	Definition
RJCQ	AcceptorRequestReject	Reject of a request or an advice message by an acquirer or an agent.
RJCP	AcceptorResponseReject	Reject of a response or an advice response message by a card acceptor or an agent.

### 16.3.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

### 16.3.1.3 ExchangeIdentification <Xchgld>

*Presence:* [0..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

### 16.3.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODatetime" on page 2420

### 16.3.1.5 InitiatingParty <InitgPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "[GenericIdentification176](#)" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

### 16.3.1.6 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

### 16.3.1.7 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "Traceability8" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmln>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

## 16.3.2 Reject <Rjct>

*Presence:* [1..1]

*Definition:* Information related to the reject.

**Reject <Rjct>** contains the following **AcceptorRejection2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RejectReason</b> <RjctRsn>	[1..1]	CodeSet		1335
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1336
	<b>MessageInError</b> <MsgInErr>	[0..1]	Binary		1336

### 16.3.2.1 RejectReason <RjctRsn>

*Presence:* [1..1]

*Definition:* Reject reason of the request or the advice.

*Datatype:* "RejectReason1Code" on page 2414

CodeName	Name	Definition
UNPR	UnableToProcess	Not possible to process the message, for instance the security module is unavailable, the hardware is unavailable, or there is a problem of resource.
IMSG	InvalidMessage	Invalid envelope of the message.
PARS	ParsingError	Invalid message: At least one of the data element or data structure is not present, the format, or the content of one data element or one data structure is not correct.
SECU	Security	Security error (for example an invalid key or an incorrect MAC value).

CodeName	Name	Definition
INTP	InitiatingParty	Invalid identification data for the sender.
RCPD	RecipientParty	Invalid identification data for the the receiver.
DPMG	DuplicateMessage	Duplicate message, the identification of the exchange is the same than a previous message.
VERS	ProtocolVersion	Version of the protocol couldn't be supported by the recipient.
MSGT	MessageType	Type of message the recipient receives is unknow or unsupported.

#### 16.3.2.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the reject of the exchange.

*Datatype:* "Max500Text" on page 2427

#### 16.3.2.3 MessageInError <MsgInErr>

*Presence:* [0..1]

*Definition:* Original request that caused the recipient party to reject it.

*Datatype:* "Max100KBinary" on page 2376

# **17      caaa.016.001.07**

## **AcceptorCurrencyConversionRequestV07**

### **17.1    MessageDefinition Functionality**

The AcceptorCurrencyConversionRequest message is sent by the card acceptor to the currency conversion service provider to request if the cardholder is able to pay in the currency of its card.

#### Outline

The AcceptorCurrencyConversionRequestV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Currency Conversion request message management information.
- B. CurrencyConversionRequest  
Information related to the currency conversion request.
- C. SecurityTrailer  
Trailer of the message containing a MAC.

## 17.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCcyConvsReq>	[1..1]			
	Header <Hdr>	[1..1]			1343
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1343
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1344
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1345
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1345
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1345
	InitiatingParty <InitgPty>	[1..1]	±		1345
	RecipientParty <RcptPty>	[0..1]	±		1345
	Traceability <Tracblt>	[0..*]	±		1346
	CurrencyConversionRequest <CcyConvsReq>	[1..1]			1346
	Environment <Envt>	[1..1]			1351
	Acquirer <Acqrr>	[0..1]	±		1356
	Merchant <Mrchnt>	[0..1]			1356
	Identification <Id>	[0..1]	±		1356
	CommonName <CmonNm>	[0..1]	Text		1357
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1357
	LocationAndContact <LctnAndCtct>	[0..1]	±		1357
	SchemeData <SchmeData>	[0..1]	Text		1358
	POI <POI>	[0..1]			1358
	Identification <Id>	[1..1]	±		1358
	SystemName <SysNm>	[0..1]	Text		1359
	GroupIdentification <GrpId>	[0..1]	Text		1359
	Capabilities <Cpblties>	[0..1]	±		1359
	TimeZone <TmZone>	[0..1]	Text		1360
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1360
	Component <Cmpnt>	[0..*]	±		1361
	Card <Card>	[0..1]			1363
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1364
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1364

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1364
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1365
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1365
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1365
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1365
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1365
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1366
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1366
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1366
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1366
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1366
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1366
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1367
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1367
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1367
	<b>Wallet</b> <Wlt>	[0..1]	±		1367
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1367
	<b>Cardholder</b> <Crhdldr>	[0..1]			1368
	<b>Identification</b> <Id>	[0..1]			1372
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1372
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1372
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1373
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1373
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1373
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1373
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1373
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1373
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1373
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1373
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1374
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1374

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1374
	<b>Department</b> <Dept>	[0..1]	Text		1374
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1374
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1374
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1374
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1375
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1375
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1375
	<b>Other</b> <Othr>	[0..*]	±		1375
	<b>Name</b> <Nm>	[0..1]	Text		1375
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1375
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1376
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1376
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1377
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1377
	<b>Authentication</b> <Authntcn>	[0..*]			1378
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1380
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1381
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1382
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1382
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1382
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1382
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1383
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1383
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			1383
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1384
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1384
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1384
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1385
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1385
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1385



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		1385
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1385
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1385
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1385
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1385
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1386
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1386
	<b>Department</b> <Dept>	[0..1]	Text		1386
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1386
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1386
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1386
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1386
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1387
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1387
	<b>Other</b> <Othr>	[0..*]	±		1387
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1387
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1387
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1388
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1388
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1388
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1388
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Value</b> <Val>	[0..1]	Binary		1389
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1389
	<b>Type</b> <Tp>	[0..1]	Text		1389
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1389
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1390
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1391
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1391
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1391

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1392
	<b>MobileData</b> <MobData>	[0..*]			1392
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1392
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1392
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1393
	<b>Geolocation</b> <Glctr>	[0..1]			1393
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1393
	<b>Latitude</b> <Lat>	[1..1]	Text		1393
	<b>Longitude</b> <Long>	[1..1]	Text		1393
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1394
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1394
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1394
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1394
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1394
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1395
	<b>IMSI</b> <IMSI>	[0..1]	Text		1395
	<b>IMEI</b> <IMEI>	[0..1]	Text		1395
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1395
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1395
	<b>Transaction</b> <Tx>	[1..1]	±		1396
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			1399
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1399
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1400

## 17.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### C2 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C3 ValidationByTable

Must be a valid terrestrial language.

### C4 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

## 17.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 17.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Currency Conversion request message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1343
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1344
	<b>Exchangeldentification</b> <Xchgld>	[1..1]	Quantity		1345
	<b>ReTransmissionCounter</b> <ReTrnsmssnCnt>	[0..1]	Text		1345
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1345
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1345
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1345
	<b>Traceability</b> <Tracblt>	[0..*]	±		1346

#### 17.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.

CodeName	Name	Definition
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 17.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 17.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 17.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 17.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 17.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 17.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 17.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 17.4.2 CurrencyConversionRequest <CcyConvReq>

*Presence:* [1..1]

*Definition:* Information related to the currency conversion request.

**CurrencyConversionRequest <CcyConvsReq>** contains the following  
**AcceptorCurrencyConversionRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envnt>	[1..1]			1351
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1356
	<b>Merchant</b> <Mrchnt>	[0..1]			1356
	<b>Identification</b> <Id>	[0..1]	±		1356
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1357
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1357
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1357
	<b>SchemaData</b> <SchmeData>	[0..1]	Text		1358
	<b>POI</b> <POI>	[0..1]			1358
	<b>Identification</b> <Id>	[1..1]	±		1358
	<b>SystemName</b> <SysNm>	[0..1]	Text		1359
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1359
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1359
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1360
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1360
	<b>Component</b> <Cmpnt>	[0..*]	±		1361
	<b>Card</b> <Card>	[0..1]			1363
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1364
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1364
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1364
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1365
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1365
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1365
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1365
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1365
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1366
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1366
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1366
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1366
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1366

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1366
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1367
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1367
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1367
	<b>Wallet</b> <Wlt>	[0..1]	±		1367
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1367
	<b>Cardholder</b> <Crhdldr>	[0..1]			1368
	<b>Identification</b> <Id>	[0..1]			1372
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1372
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1372
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1373
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1373
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1373
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		1373
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1373
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1373
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1373
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1373
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1374
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1374
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1374
	<b>Department</b> <Dept>	[0..1]	Text		1374
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1374
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1374
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1374
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1375
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1375
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1375
	<b>Other</b> <Othr>	[0..*]	±		1375
	<b>Name</b> <Nm>	[0..1]	Text		1375
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1375



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1376
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1376
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1377
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1377
	<b>Authentication</b> <Authntcn>	[0..*]			1378
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1380
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1381
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1382
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1382
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1382
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1382
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1383
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1383
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1383
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1384
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1384
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1384
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1385
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1385
	<b>SocialSecurityNumber</b> <ScIStctyNb>	[0..1]	Text		1385
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1385
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1385
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1385
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1385
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1385
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1386
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1386
	<b>Department</b> <Dept>	[0..1]	Text		1386
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1386
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1386
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1386

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1386
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1387
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1387
	<b>Other</b> <Othr>	[0..*]	±		1387
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1387
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1387
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1388
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1388
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1388
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1388
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Value</b> <Val>	[0..1]	Binary		1389
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1389
	<b>Type</b> <Tp>	[0..1]	Text		1389
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1389
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1390
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1391
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1391
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1391
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1392
	<b>MobileData</b> <MobData>	[0..*]			1392
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1392
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1392
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1393
	<b>Geolocation</b> <Glctn>	[0..1]			1393
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1393
	<b>Latitude</b> <Lat>	[1..1]	Text		1393
	<b>Longitude</b> <Long>	[1..1]	Text		1393
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1394
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1394

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1394
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1394
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1394
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1395
	<b>IMSI</b> <IMSI>	[0..1]	Text		1395
	<b>IMEI</b> <IMEI>	[0..1]	Text		1395
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1395
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		1395
	<b>Transaction</b> <Tx>	[1..1]	±		1396

### 17.4.2.1 Environment <Env>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1356
	<b>Merchant</b> <Mrchnt>	[0..1]			1356
	<b>Identification</b> <Id>	[0..1]	±		1356
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1357
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1357
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1357
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1358
	<b>POI</b> <POI>	[0..1]			1358
	<b>Identification</b> <Id>	[1..1]	±		1358
	<b>SystemName</b> <SysNm>	[0..1]	Text		1359
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1359
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1359
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1360
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1360
	<b>Component</b> <Cmpnt>	[0..*]	±		1361
	<b>Card</b> <Card>	[0..1]			1363
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1364
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1364
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1364
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1365
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1365
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1365
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1365
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1365
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1366
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1366
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1366
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1366
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1366
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1366
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1367

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1367
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1367
	<b>Wallet</b> <Wlt>	[0..1]	±		1367
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1367
	<b>Cardholder</b> <Crhdldr>	[0..1]			1368
	<b>Identification</b> <Id>	[0..1]			1372
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1372
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1372
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1373
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1373
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1373
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1373
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1373
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1373
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1373
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1373
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1374
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1374
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1374
	<b>Department</b> <Dept>	[0..1]	Text		1374
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1374
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1374
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1374
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1375
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1375
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1375
	<b>Other</b> <Othr>	[0..*]	±		1375
	<b>Name</b> <Nm>	[0..1]	Text		1375
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1375
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1376
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1376

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1377
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1377
	<b>Authentication</b> <Authntcn>	[0..*]			1378
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1380
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1381
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1382
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1382
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1382
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1382
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1383
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1383
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1383
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1384
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1384
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1384
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1385
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1385
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1385
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1385
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1385
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1385
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1385
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1385
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1386
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1386
	<b>Department</b> <Dept>	[0..1]	Text		1386
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1386
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1386
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1386
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1386
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1387

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1387
	<b>Other</b> <Othr>	[0..*]	±		1387
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1387
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1387
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1388
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1388
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1388
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1388
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Value</b> <Val>	[0..1]	Binary		1389
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1389
	<b>Type</b> <Tp>	[0..1]	Text		1389
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1389
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1390
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1391
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1391
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1391
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1392
	<b>MobileData</b> <MobData>	[0..*]			1392
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1392
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1392
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1393
	<b>Geolocation</b> <Glctn>	[0..1]			1393
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1393
	<b>Latitude</b> <Lat>	[1..1]	Text		1393
	<b>Longitude</b> <Long>	[1..1]	Text		1393
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1394
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1394
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1394
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1394

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1394
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1395
	<b>IMSI</b> <IMSI>	[0..1]	Text		1395
	<b>IMEI</b> <IMEI>	[0..1]	Text		1395
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1395
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1395

#### 17.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 17.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1356
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1357
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1357
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1357
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1358

##### 17.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.



**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 17.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 17.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 17.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 17.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 17.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1358
	<b>SystemName</b> <SysNm>	[0..1]	Text		1359
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1359
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		1359
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1360
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1360
	<b>Component</b> <Cmpnt>	[0..*]	±		1361

##### 17.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 17.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 17.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 17.4.2.1.3.4 Capabilities <Cpbilities>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 17.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 17.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 17.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 17.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1364
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1364
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1364
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1365
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1365
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1365
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1365
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1365
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1366
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1366
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1366
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1366
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1366
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1366
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1367
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1367

#### 17.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 17.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 17.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]



*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 17.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 17.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 17.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 17.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 17.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 17.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 17.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 17.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 17.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 17.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 17.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 17.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 17.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdHdr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1372
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1372
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1372
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1373
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1373
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1373
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1373
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1373
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1373
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1373
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1373
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1374
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1374
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1374
	<b>Department</b> <Dept>	[0..1]	Text		1374
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1374
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1374
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1374
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1375
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1375
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1375
	<b>Other</b> <Othr>	[0..*]	±		1375
	<b>Name</b> <Nm>	[0..1]	Text		1375
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1375
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1376
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1376
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1377
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1377
	<b>Authentication</b> <Authntcn>	[0..*]			1378
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1380
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1381

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1382
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1382
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1382
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		1382
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1383
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1383
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1383
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1384
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1384
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1384
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1385
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1385
	<b>SocialSecurityNumber</b> <ScIScyNb>	[0..1]	Text		1385
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1385
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1385
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1385
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1385
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1385
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1386
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1386
	<b>Department</b> <Dept>	[0..1]	Text		1386
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1386
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1386
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1386
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1386
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1387
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1387
	<b>Other</b> <Othr>	[0..*]	±		1387
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1387
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1387
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1388

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1388
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1388
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1388
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Value</b> <Val>	[0..1]	Binary		1389
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1389
	<b>Type</b> <Tp>	[0..1]	Text		1389
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1389
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1390
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1391
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1391
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1391
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1392
	<b>MobileData</b> <MobData>	[0..*]			1392
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1392
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1392
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1393
	<b>Geolocation</b> <Glctn>	[0..1]			1393
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1393
	<b>Latitude</b> <Lat>	[1..1]	Text		1393
	<b>Longitude</b> <Long>	[1..1]	Text		1393
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1394
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1394
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1394
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1394
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1394
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1395
	<b>IMSI</b> <IMSI>	[0..1]	Text		1395
	<b>IMEI</b> <IMEI>	[0..1]	Text		1395
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1395

#### 17.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1372
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1372
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1373
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1373
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1373
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1373
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1373
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1373
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1373
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1373
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1374
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1374
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1374
	<b>Department</b> <Dept>	[0..1]	Text		1374
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1374
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1374
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1374
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1375
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1375
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1375
	<b>Other</b> <Othr>	[0..*]	±		1375

##### 17.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 17.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.



*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.1.6 SocialSecurityNumber <ScIStctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 17.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1374
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1375
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1375
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1375

##### 17.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 17.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 17.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 17.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 17.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 17.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 17.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 17.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 17.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1380
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1381
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1382
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1382
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1382
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1382
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1383
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1383
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			1383
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1384
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1384
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1384
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1385
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1385
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1385
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1385
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1385
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1385
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1385
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1385
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1386
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1386
	<b>Department</b> <Dept>	[0..1]	Text		1386
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1386
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1386
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1386
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1386
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1387
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1387
	<b>Other</b> <Othr>	[0..*]	±		1387
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1387

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1387
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1388
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1388
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1388
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1388
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Value</b> <Val>	[0..1]	Binary		1389
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1389
	<b>Type</b> <Tp>	[0..1]	Text		1389

#### 17.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).



CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 17.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 17.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 17.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 17.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1382
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1383
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1383

##### 17.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 17.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 17.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber &lt;DrvrLicNb&gt;</b>	[0..1]	Text		1384
	<b>DriverLicenseLocation &lt;DrvrLicLctn&gt;</b>	[0..1]	Text		1384
	<b>DriverLicenseName &lt;DrvrLicNm&gt;</b>	[0..1]	Text		1384
	<b>DriverIdentification &lt;DrvrId&gt;</b>	[0..1]	Text		1385
	<b>CustomerNumber &lt;CstmrNb&gt;</b>	[0..1]	Text		1385
	<b>SocialSecurityNumber &lt;SclSctyNb&gt;</b>	[0..1]	Text		1385
	<b>AlienRegistrationNumber &lt;AlnRegnNb&gt;</b>	[0..1]	Text		1385
	<b>PassportNumber &lt;PsptNb&gt;</b>	[0..1]	Text		1385
	<b>TaxIdentificationNumber &lt;TaxIdNb&gt;</b>	[0..1]	Text		1385
	<b>IdentityCardNumber &lt;IdntyCardNb&gt;</b>	[0..1]	Text		1385
	<b>EmployerIdentificationNumber &lt;MplyrIdNb&gt;</b>	[0..1]	Text		1385
	<b>EmployeeIdentificationNumber &lt;MplyeIdNb&gt;</b>	[0..1]	Text		1386
	<b>JobNumber &lt;JobNb&gt;</b>	[0..1]	Text		1386
	<b>Department &lt;Dept&gt;</b>	[0..1]	Text		1386
	<b>EmailAddress &lt;EmailAdr&gt;</b>	[0..1]	Text		1386
	<b>DateAndPlaceOfBirth &lt;DtAndPlcOfBirth&gt;</b>	[0..1]			1386
	<b>BirthDate &lt;BirthDt&gt;</b>	[1..1]	Date		1386
	<b>ProvinceOfBirth &lt;PrvcOfBirth&gt;</b>	[0..1]	Text		1386
	<b>CityOfBirth &lt;CityOfBirth&gt;</b>	[1..1]	Text		1387
	<b>CountryOfBirth &lt;CtryOfBirth&gt;</b>	[1..1]	CodeSet	C2	1387
	<b>Other &lt;Othr&gt;</b>	[0..*]	±		1387

#### 17.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **17.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 17.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1386
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1386
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1387
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1387

##### 17.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 17.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 17.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 17.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1387
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1388

#### 17.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 17.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 17.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 17.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.



**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Value</b> <Val>	[0..1]	Binary		1389
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1389
	<b>Type</b> <Tp>	[0..1]	Text		1389

#### 17.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 17.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 17.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 17.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 17.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1390
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1391
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1391
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1391

#### 17.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 17.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 17.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 17.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 17.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 17.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1392
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1392
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1393
	<b>Geolocation</b> <Glctn>	[0..1]			1393
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1393
	<b>Latitude</b> <Lat>	[1..1]	Text		1393
	<b>Longitude</b> <Long>	[1..1]	Text		1393
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1394
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1394
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1394
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1394
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1394
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1395
	<b>IMSI</b> <IMSI>	[0..1]	Text		1395
	<b>IMEI</b> <IMEI>	[0..1]	Text		1395
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1395

##### 17.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 17.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 17.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1393
	<b>Latitude</b> <Lat>	[1..1]	Text		1393
	<b>Longitude</b> <Long>	[1..1]	Text		1393
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1394
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1394
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1394
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1394

##### 17.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1393
	<b>Longitude</b> <Long>	[1..1]	Text		1393

##### 17.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

##### 17.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 17.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1394
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1394
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1394

##### 17.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 17.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 17.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 17.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1395
	<b>IMSI</b> <IMSI>	[0..1]	Text		1395
	<b>IMEI</b> <IMEI>	[0..1]	Text		1395

#### 17.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 17.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 17.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 17.4.2.1.8.11.6 ProtectedMobileData <PrctcdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrctcdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 17.4.2.1.9 ProtectedCardholderData <PrctcdCrdhldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 17.4.2.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Card payment transaction for which the currency conversion is requested.



**Transaction <Tx>** contains the following elements (see "CardPaymentTransaction100" on page 1845 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1848
	TransactionType <TxTp>	[1..1]	CodeSet		1848
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1849
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1850
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1850
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1850
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1850
	TransactionIdentification <TxId>	[1..1]	±		1850
	OriginalTransaction <OrgnlTx>	[0..1]	±		1851
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1853
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1853
	TransactionDetails <TxDtls>	[1..1]			1853
	Currency <Ccy>	[0..1]	CodeSet	C1	1855
	TotalAmount <TtlAmt>	[1..1]	Amount		1856
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1856
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1856
	DetailedAmount <DtldAmt>	[0..1]	±		1856
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1857
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1857
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1857
	ValidityDate <VldtyDt>	[0..1]	Date		1857
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1857
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1858
	AccountType <AcctTp>	[0..1]	CodeSet		1858
	CurrencyConversionResult <CcyConvRsult>	[0..1]			1859
	AcceptedByCardholder <AccptdByCrdhlr>	[0..1]	Indicator		1861
	Conversion <Conv>	[0..1]			1861
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1863

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[1..1]	Text		1863
	Decimal <Dcml>	[1..1]	Quantity		1863
	Name <Nm>	[0..1]	Text		1863
	ResultingAmount <RsltgAmt>	[1..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1864
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1864
	QuotationDate <QtnDt>	[0..1]	DateTime		1864
	ValidUntil <VldUntil>	[0..1]	DateTime		1864
	SourceCurrency <SrcCcy>	[1..1]			1864
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1865
	Decimal <Dcml>	[0..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[1..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1866
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrnDtls>	[0..*]	±		1867
	Instalment <Instlmt>	[0..1]	±		1867
	AggregationTransaction <AggtnTx>	[0..1]	±		1868
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1868
	SaleItem <SaleItem>	[0..*]	±		1869
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1869
	AdditionalInformation <AddtlInf>	[0..*]			1869
	Identification <Id>	[1..1]	Text		1870

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Binary		1870
	ProtectedValue <PrctcdVal>	[0..1]	±		1870
	Type <Tp>	[0..1]	Text		1870
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1870
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1871
	CustomerOrder <CstmrOrd>	[0..1]	±		1871
	CustomerToken <CstmrTkn>	[0..1]	±		1871
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1872
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1872
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1872
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1872
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1873
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1873
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1873

### 17.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1399
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1400

#### 17.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).

CodeName	Name	Definition
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 17.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

# **18      caaa.017.001.07**

## **AcceptorCurrencyConversionResponseV07**

### **18.1    MessageDefinition Functionality**

The AcceptorCurrencyConversionResponse message is sent by currency conversion service provider to the card acceptor to return the result of a potential currency conversion for the cardholder.

#### Outline

The AcceptorCurrencyConversionResponseV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
  - Currency conversion response message management information.
- B. CurrencyConversionResponse
  - Information related to the outcome of the currency conversion.
- C. SecurityTrailer
  - Trailer of the message containing a MAC (message authentication code).

## 18.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCcyConvsRspn>	[1..1]			
	Header <Hdr>	[1..1]			1410
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1410
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1411
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1412
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1412
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1412
	InitiatingParty <InitgPty>	[1..1]	±		1412
	RecipientParty <RcptPty>	[0..1]	±		1412
	Traceability <Tracblt>	[0..*]	±		1413
	CurrencyConversionResponse <CcyConvsRspn>	[1..1]			1413
	Environment <Envt>	[1..1]			1421
	Acquirer <Acqrr>	[0..1]	±		1426
	Merchant <Mrchnt>	[0..1]			1426
	Identification <Id>	[0..1]	±		1426
	CommonName <CmonNm>	[0..1]	Text		1427
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1427
	LocationAndContact <LctnAndCtct>	[0..1]	±		1427
	SchemeData <SchmeData>	[0..1]	Text		1428
	POI <POI>	[0..1]			1428
	Identification <Id>	[1..1]	±		1428
	SystemName <SysNm>	[0..1]	Text		1429
	GroupIdentification <GrpId>	[0..1]	Text		1429
	Capabilities <Cpblties>	[0..1]	±		1429
	TimeZone <TmZone>	[0..1]	Text		1430
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1430
	Component <Cmpnt>	[0..*]	±		1431
	Card <Card>	[0..1]			1433
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1434
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1434

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1434
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1435
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1435
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1435
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1435
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1435
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1436
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1436
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1436
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1436
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1436
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1436
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1437
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1437
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1437
	<b>Wallet</b> <Wllt>	[0..1]	±		1437
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1437
	<b>Cardholder</b> <Crhdldr>	[0..1]			1438
	<b>Identification</b> <Id>	[0..1]			1442
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1442
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1442
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1443
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1443
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1443
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1443
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1443
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1443
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1443
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1443
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1444
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1444

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1444
	<b>Department</b> <Dept>	[0..1]	Text		1444
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1444
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1444
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1444
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1445
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1445
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1445
	<b>Other</b> <Othr>	[0..*]	±		1445
	<b>Name</b> <Nm>	[0..1]	Text		1445
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1445
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1446
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1446
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1447
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1447
	<b>Authentication</b> <Authntcn>	[0..*]			1448
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1450
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1451
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1452
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1452
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1452
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1452
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1453
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1453
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			1453
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1454
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1454
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1454
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1455
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1455
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1455



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		1455
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1455
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1455
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1455
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1455
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1456
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1456
	<b>Department</b> <Dept>	[0..1]	Text		1456
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1456
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1456
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1456
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1456
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1457
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1457
	<b>Other</b> <Othr>	[0..*]	±		1457
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1457
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1457
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1458
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1458
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1458
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1458
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1458
	<b>Identification</b> <Id>	[1..1]	Text		1459
	<b>Value</b> <Val>	[0..1]	Binary		1459
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1459
	<b>Type</b> <Tp>	[0..1]	Text		1459
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1459
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1460
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1461
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1461
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1461

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1462
	<b>MobileData</b> <MobData>	[0..*]			1462
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1462
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1462
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1463
	<b>Geolocation</b> <Glctr>	[0..1]			1463
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1463
	<b>Latitude</b> <Lat>	[1..1]	Text		1463
	<b>Longitude</b> <Long>	[1..1]	Text		1463
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1464
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1464
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1464
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1464
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1464
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1465
	<b>IMSI</b> <IMSI>	[0..1]	Text		1465
	<b>IMEI</b> <IMEI>	[0..1]	Text		1465
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1465
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1465
	<b>Transaction</b> <Tx>	[1..1]			1466
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1469
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1469
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1469
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1469
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1469
	<b>InterchangeData</b> <IntrchgData>	[0..1]	Text		1469
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1469
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1471
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1472
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1472
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1472

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1472
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1473
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1473
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1473
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1473
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1473
	<b>UnattendedLevelCategory</b> <UattnddLvlCtgy>	[0..1]	Text		1474
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1474
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1475
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1477
	<b>Conversion</b> <Convs>	[0..1]			1477
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1478
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1479
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1479
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1479
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1479
	<b>Name</b> <Nm>	[0..1]	Text		1479
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		1479
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1480
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1480
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1480
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1480
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1480
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1480
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1481
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1481
	<b>Name</b> <Nm>	[0..1]	Text		1481
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1481
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1481
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1481
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1482

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1482
	<b>Amount</b> <Amt>	[1..1]	Amount		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1482
	<b>Rate</b> <Rate>	[1..1]	Rate		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1483
	<b>Instalment</b> <Instlmt>	[0..1]	±		1483
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1484
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1484
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1485
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1485
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1485
	<b>Identification</b> <Id>	[1..1]	Text		1486
	<b>Value</b> <Val>	[0..1]	Binary		1486
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1486
	<b>Type</b> <Tp>	[0..1]	Text		1486
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1486
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1487
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[1..1]			1487
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1489
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1489
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1489
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1490
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1491
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1491
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1491
	<b>Decimal</b> <DcmI>	[1..1]	Quantity		1491
	<b>Name</b> <Nm>	[0..1]	Text		1491
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		1491
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1492

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1492
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1492
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1492
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1492
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1492
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1493
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1493
	<b>Name</b> <Nm>	[0..1]	Text		1493
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1493
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1493
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1493
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1494
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1494
	<b>Amount</b> <Amt>	[1..1]	Amount		1494
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1494
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1494
	<b>Rate</b> <Rate>	[1..1]	Rate		1494
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1494
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1495
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			1495
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1495
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1496

## 18.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### C2 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C3 ValidationByTable

Must be a valid terrestrial language.

### C4 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

## 18.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 18.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Currency conversion response message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1410
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1411
	<b>Exchangeldentification</b> <Xchgld>	[1..1]	Quantity		1412
	<b>ReTransmissionCounter</b> <ReTrnsmssnCnt>	[0..1]	Text		1412
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1412
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1412
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1412
	<b>Traceability</b> <Tracblt>	[0..*]	±		1413

#### 18.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.

CodeName	Name	Definition
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 18.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 18.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 18.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 18.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 18.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 18.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.



**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 18.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 18.4.2 CurrencyConversionResponse <CcyConvRspsn>

*Presence:* [1..1]

*Definition:* Information related to the outcome of the currency conversion.

**CurrencyConversionResponse <CcyConvsRspn>** contains the following  
**AcceptorCurrencyConversionResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envnt>	[1..1]			1421
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1426
	<b>Merchant</b> <Mrchnt>	[0..1]			1426
	<b>Identification</b> <Id>	[0..1]	±		1426
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1427
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1427
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1427
	<b>SchemaData</b> <SchmeData>	[0..1]	Text		1428
	<b>POI</b> <POI>	[0..1]			1428
	<b>Identification</b> <Id>	[1..1]	±		1428
	<b>SystemName</b> <SysNm>	[0..1]	Text		1429
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1429
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1429
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1430
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1430
	<b>Component</b> <Cmpnt>	[0..*]	±		1431
	<b>Card</b> <Card>	[0..1]			1433
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1434
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1434
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1434
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1435
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1435
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1435
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1435
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1435
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1436
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1436
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1436
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1436
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1436

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1436
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1437
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1437
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1437
	<b>Wallet</b> <Wlt>	[0..1]	±		1437
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1437
	<b>Cardholder</b> <Crhdldr>	[0..1]			1438
	<b>Identification</b> <Id>	[0..1]			1442
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1442
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1442
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1443
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1443
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1443
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		1443
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1443
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1443
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1443
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1443
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1444
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1444
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1444
	<b>Department</b> <Dept>	[0..1]	Text		1444
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1444
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1444
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1444
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1445
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1445
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1445
	<b>Other</b> <Othr>	[0..*]	±		1445
	<b>Name</b> <Nm>	[0..1]	Text		1445
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1445

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1446
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1446
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1447
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1447
	<b>Authentication</b> <Authntcn>	[0..*]			1448
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1450
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1451
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1452
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1452
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1452
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1452
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1453
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1453
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1453
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1454
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1454
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1454
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1455
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1455
	<b>SocialSecurityNumber</b> <ScIStyNb>	[0..1]	Text		1455
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1455
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1455
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1455
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1455
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1455
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1456
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1456
	<b>Department</b> <Dept>	[0..1]	Text		1456
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1456
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1456
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1456

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1456
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1457
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1457
	<b>Other</b> <Othr>	[0..*]	±		1457
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1457
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1457
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1458
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1458
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1458
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1458
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1458
	<b>Identification</b> <Id>	[1..1]	Text		1459
	<b>Value</b> <Val>	[0..1]	Binary		1459
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1459
	<b>Type</b> <Tp>	[0..1]	Text		1459
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1459
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1460
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1461
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1461
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1461
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1462
	<b>MobileData</b> <MobData>	[0..*]			1462
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1462
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1462
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1463
	<b>Geolocation</b> <Glctn>	[0..1]			1463
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1463
	<b>Latitude</b> <Lat>	[1..1]	Text		1463
	<b>Longitude</b> <Long>	[1..1]	Text		1463
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1464
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1464

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1464
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1464
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1464
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1465
	<b>IMSI</b> <IMSI>	[0..1]	Text		1465
	<b>IMEI</b> <IMEI>	[0..1]	Text		1465
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1465
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		1465
	<b>Transaction</b> <Tx>	[1..1]			1466
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1469
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1469
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1469
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1469
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1469
	<b>InterchangeData</b> <IntrchnData>	[0..1]	Text		1469
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1469
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1471
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1472
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1472
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1472
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1472
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1473
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1473
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		1473
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1473
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1473
	<b>UnattendedLevelCategory</b> <UatnddLvCtgy>	[0..1]	Text		1474
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1474
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1475
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1477
	<b>Conversion</b> <Convs>	[0..1]			1477

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1478
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1479
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1479
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1479
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1479
	<b>Name</b> <Nm>	[0..1]	Text		1479
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		1479
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1480
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1480
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1480
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1480
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1480
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1480
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1481
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1481
	<b>Name</b> <Nm>	[0..1]	Text		1481
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1481
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1481
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1481
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1482
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1482
	<b>Amount</b> <Amt>	[1..1]	Amount		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1482
	<b>Rate</b> <Rate>	[1..1]	Rate		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1483
	<b>Instalment</b> <Instlmt>	[0..1]	±		1483
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1484
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1484
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1485

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1485
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1485
	<b>Identification</b> <Id>	[1..1]	Text		1486
	<b>Value</b> <Val>	[0..1]	Binary		1486
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1486
	<b>Type</b> <Tp>	[0..1]	Text		1486
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1486
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1487
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[1..1]			1487
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1489
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1489
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1489
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1490
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1491
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1491
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1491
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1491
	<b>Name</b> <Nm>	[0..1]	Text		1491
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		1491
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1492
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1492
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1492
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1492
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1492
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1492
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1493
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1493
	<b>Name</b> <Nm>	[0..1]	Text		1493
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1493
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1493
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1493



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1494
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1494
	<b>Amount</b> <Amt>	[1..1]	Amount		1494
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1494
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1494
	<b>Rate</b> <Rate>	[1..1]	Rate		1494
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1494
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1495

#### 18.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1426
	<b>Merchant</b> <Mrchnt>	[0..1]			1426
	<b>Identification</b> <Id>	[0..1]	±		1426
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1427
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1427
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1427
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1428
	<b>POI</b> <POI>	[0..1]			1428
	<b>Identification</b> <Id>	[1..1]	±		1428
	<b>SystemName</b> <SysNm>	[0..1]	Text		1429
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1429
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1429
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1430
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1430
	<b>Component</b> <Cmpnt>	[0..*]	±		1431
	<b>Card</b> <Card>	[0..1]			1433
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1434
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1434
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1434
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1435
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1435
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1435
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1435
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1435
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1436
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1436
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1436
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1436
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1436
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1436
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1437

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1437
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1437
	<b>Wallet</b> <Wlt>	[0..1]	±		1437
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1437
	<b>Cardholder</b> <Crhdldr>	[0..1]			1438
	<b>Identification</b> <Id>	[0..1]			1442
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1442
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1442
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1443
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1443
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1443
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1443
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1443
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1443
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1443
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1443
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1444
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1444
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1444
	<b>Department</b> <Dept>	[0..1]	Text		1444
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1444
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1444
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1444
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1445
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1445
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1445
	<b>Other</b> <Othr>	[0..*]	±		1445
	<b>Name</b> <Nm>	[0..1]	Text		1445
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1445
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1446
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1446

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1447
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1447
	<b>Authentication</b> <Authntcn>	[0..*]			1448
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1450
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1451
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1452
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1452
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1452
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1452
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1453
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1453
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1453
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1454
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1454
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1454
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1455
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1455
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1455
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1455
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1455
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1455
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1455
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1455
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1456
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1456
	<b>Department</b> <Dept>	[0..1]	Text		1456
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1456
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1456
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1456
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1456
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1457

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1457
	<b>Other</b> <Othr>	[0..*]	±		1457
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1457
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1457
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1458
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1458
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1458
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1458
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1458
	<b>Identification</b> <Id>	[1..1]	Text		1459
	<b>Value</b> <Val>	[0..1]	Binary		1459
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1459
	<b>Type</b> <Tp>	[0..1]	Text		1459
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1459
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1460
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1461
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1461
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1461
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1462
	<b>MobileData</b> <MobData>	[0..*]			1462
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1462
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1462
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1463
	<b>Geolocation</b> <Glctn>	[0..1]			1463
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1463
	<b>Latitude</b> <Lat>	[1..1]	Text		1463
	<b>Longitude</b> <Long>	[1..1]	Text		1463
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1464
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1464
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1464
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1464

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1464
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1465
	<b>IMSI</b> <IMSI>	[0..1]	Text		1465
	<b>IMEI</b> <IMEI>	[0..1]	Text		1465
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1465
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1465

#### 18.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 18.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1426
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1427
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1427
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1427
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1428

##### 18.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 18.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 18.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 18.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 18.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 18.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1428
	<b>SystemName</b> <SysNm>	[0..1]	Text		1429
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1429
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		1429
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1430
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1430
	<b>Component</b> <Cmpnt>	[0..*]	±		1431

##### 18.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.



**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 18.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 18.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 18.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 18.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 18.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 18.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 18.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1434
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1434
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1434
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1435
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1435
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1435
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1435
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1435
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1436
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1436
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1436
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1436
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1436
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1436
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1437
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1437

#### 18.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 18.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 18.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 18.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 18.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 18.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 18.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 18.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 18.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 18.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 18.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427



#### 18.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 18.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 18.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 18.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 18.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdrHldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1442
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1442
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1442
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1443
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1443
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1443
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1443
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1443
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1443
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1443
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1443
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1444
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1444
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1444
	<b>Department</b> <Dept>	[0..1]	Text		1444
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1444
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1444
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1444
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1445
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1445
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1445
	<b>Other</b> <Othr>	[0..*]	±		1445
	<b>Name</b> <Nm>	[0..1]	Text		1445
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1445
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1446
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1446
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1447
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1447
	<b>Authentication</b> <Authntcn>	[0..*]			1448
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1450
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1451

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1452
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1452
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1452
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1452
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1453
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1453
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			1453
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1454
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1454
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1454
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1455
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1455
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1455
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1455
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1455
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1455
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1455
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1455
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1456
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1456
	<b>Department</b> <Dept>	[0..1]	Text		1456
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1456
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1456
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1456
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1456
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1457
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1457
	<b>Other</b> <Othr>	[0..*]	±		1457
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1457
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1457
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1458

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1458
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1458
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1458
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1458
	<b>Identification</b> <Id>	[1..1]	Text		1459
	<b>Value</b> <Val>	[0..1]	Binary		1459
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1459
	<b>Type</b> <Tp>	[0..1]	Text		1459
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1459
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1460
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1461
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1461
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1461
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1462
	<b>MobileData</b> <MobData>	[0..*]			1462
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1462
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1462
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1463
	<b>Geolocation</b> <Glctn>	[0..1]			1463
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1463
	<b>Latitude</b> <Lat>	[1..1]	Text		1463
	<b>Longitude</b> <Long>	[1..1]	Text		1463
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1464
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1464
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1464
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1464
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1464
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1465
	<b>IMSI</b> <IMSI>	[0..1]	Text		1465
	<b>IMEI</b> <IMEI>	[0..1]	Text		1465
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1465

#### 18.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1442
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1442
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1443
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1443
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1443
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1443
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1443
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1443
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1443
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1443
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1444
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1444
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1444
	<b>Department</b> <Dept>	[0..1]	Text		1444
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1444
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1444
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1444
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1445
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1445
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1445
	<b>Other</b> <Othr>	[0..*]	±		1445

##### 18.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 18.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 18.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1444
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1445
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1445
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1445

##### 18.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420



#### 18.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 18.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 18.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 18.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 18.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 18.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 18.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 18.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1450
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1451
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1452
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1452
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1452
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1452
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1453
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1453
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			1453
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1454
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1454
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1454
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1455
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1455
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1455
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1455
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1455
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1455
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1455
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1455
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1456
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1456
	<b>Department</b> <Dept>	[0..1]	Text		1456
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1456
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1456
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1456
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1456
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1457
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1457
	<b>Other</b> <Othr>	[0..*]	±		1457
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1457

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1457
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1458
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1458
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1458
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1458
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1458
	<b>Identification</b> <Id>	[1..1]	Text		1459
	<b>Value</b> <Val>	[0..1]	Binary		1459
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1459
	<b>Type</b> <Tp>	[0..1]	Text		1459

#### 18.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 18.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 18.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 18.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 18.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1452
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1453
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1453

##### 18.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).



**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 18.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 18.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber &lt;DrvrLicNb&gt;</b>	[0..1]	Text		1454
	<b>DriverLicenseLocation &lt;DrvrLicLctn&gt;</b>	[0..1]	Text		1454
	<b>DriverLicenseName &lt;DrvrLicNm&gt;</b>	[0..1]	Text		1454
	<b>DriverIdentification &lt;DrvrId&gt;</b>	[0..1]	Text		1455
	<b>CustomerNumber &lt;CstmrNb&gt;</b>	[0..1]	Text		1455
	<b>SocialSecurityNumber &lt;SclSctyNb&gt;</b>	[0..1]	Text		1455
	<b>AlienRegistrationNumber &lt;AlnRegnNb&gt;</b>	[0..1]	Text		1455
	<b>PassportNumber &lt;PsptNb&gt;</b>	[0..1]	Text		1455
	<b>TaxIdentificationNumber &lt;TaxIdNb&gt;</b>	[0..1]	Text		1455
	<b>IdentityCardNumber &lt;IdntyCardNb&gt;</b>	[0..1]	Text		1455
	<b>EmployerIdentificationNumber &lt;MplyrIdNb&gt;</b>	[0..1]	Text		1455
	<b>EmployeeIdentificationNumber &lt;MplyeIdNb&gt;</b>	[0..1]	Text		1456
	<b>JobNumber &lt;JobNb&gt;</b>	[0..1]	Text		1456
	<b>Department &lt;Dept&gt;</b>	[0..1]	Text		1456
	<b>EmailAddress &lt;EmailAdr&gt;</b>	[0..1]	Text		1456
	<b>DateAndPlaceOfBirth &lt;DtAndPlcOfBirth&gt;</b>	[0..1]			1456
	<b>BirthDate &lt;BirthDt&gt;</b>	[1..1]	Date		1456
	<b>ProvinceOfBirth &lt;PrvcOfBirth&gt;</b>	[0..1]	Text		1456
	<b>CityOfBirth &lt;CityOfBirth&gt;</b>	[1..1]	Text		1457
	<b>CountryOfBirth &lt;CtryOfBirth&gt;</b>	[1..1]	CodeSet	C2	1457
	<b>Other &lt;Othr&gt;</b>	[0..*]	±		1457

#### 18.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **18.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 18.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1456
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1456
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1457
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1457

##### 18.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 18.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 18.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 18.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1457
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1458

#### 18.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 18.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 18.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 18.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1459
	<b>Value</b> <Val>	[0..1]	Binary		1459
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1459
	<b>Type</b> <Tp>	[0..1]	Text		1459

#### 18.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 18.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 18.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 18.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 18.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRsIt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1460
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1461
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1461
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1461

#### 18.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.



CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 18.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 18.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 18.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 18.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 18.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1462
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1462
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1463
	<b>Geolocation</b> <Glctn>	[0..1]			1463
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1463
	<b>Latitude</b> <Lat>	[1..1]	Text		1463
	<b>Longitude</b> <Long>	[1..1]	Text		1463
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1464
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1464
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1464
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1464
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1464
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1465
	<b>IMSI</b> <IMSI>	[0..1]	Text		1465
	<b>IMEI</b> <IMEI>	[0..1]	Text		1465
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1465

##### 18.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 18.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 18.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1463
	<b>Latitude</b> <Lat>	[1..1]	Text		1463
	<b>Longitude</b> <Long>	[1..1]	Text		1463
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1464
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1464
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1464
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1464

##### 18.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1463
	<b>Longitude</b> <Long>	[1..1]	Text		1463

##### 18.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

##### 18.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1464
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1464
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1464

##### 18.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 18.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 18.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 18.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1465
	<b>IMSI</b> <IMSI>	[0..1]	Text		1465
	<b>IMEI</b> <IMEI>	[0..1]	Text		1465

#### 18.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 18.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 18.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 18.4.2.1.8.11.6 ProtectedMobileData <PrctcdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrctcdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 18.4.2.1.9 ProtectedCardholderData <PrctcdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 18.4.2.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Currency conversion of a card payment transaction between an acceptor and an acquirer.

**Transaction <Tx>** contains the following **CardPaymentTransaction93** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1469
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1469
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1469
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1469
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1469
	<b>InterchangeData</b> <IntrchgData>	[0..1]	Text		1469
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1469
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1471
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1472
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1472
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1472
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1472
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1473
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1473
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1473
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1473
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1473
	<b>UnattendedLevelCategory</b> <UattnddLvlCtgy>	[0..1]	Text		1474
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1474
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1475
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1477
	<b>Conversion</b> <Convs>	[0..1]			1477
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1478
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1479
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1479
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1479
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1479
	<b>Name</b> <Nm>	[0..1]	Text		1479
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		1479
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1480
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1480

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1480
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1480
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1480
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1480
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1481
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1481
	<b>Name</b> <Nm>	[0..1]	Text		1481
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1481
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1481
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1481
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1482
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1482
	<b>Amount</b> <Amt>	[1..1]	Amount		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1482
	<b>Rate</b> <Rate>	[1..1]	Rate		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1483
	<b>Instalment</b> <Instlmt>	[0..1]	±		1483
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1484
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1484
	<b>SaleItem</b> <SaleItm>	[0..*]	±		1485
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1485
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1485
	<b>Identification</b> <Id>	[1..1]	Text		1486
	<b>Value</b> <Val>	[0..1]	Binary		1486
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1486
	<b>Type</b> <Tp>	[0..1]	Text		1486
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		1486
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1487



#### 18.4.2.2.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.2.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 18.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 18.4.2.2.5 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.2.6 InterchangeData <IntrchgData>

*Presence:* [0..1]

*Definition:* Interchange information related to the card scheme.

*Datatype:* "Max140Text" on page 2424

#### 18.4.2.2.7 TransactionDetails <TxDtIs>

*Presence:* [1..1]

*Definition:* Detail of the transaction transported.

**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1471
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1472
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1472
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1472
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1472
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1473
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1473
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1473
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1473
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1473
	<b>UnattendedLevelCategory</b> <UattnddLvltCtgy>	[0..1]	Text		1474
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1474
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1475
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1477
	<b>Conversion</b> <Convs>	[0..1]			1477
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1478
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1479
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1479
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1479
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1479
	<b>Name</b> <Nm>	[0..1]	Text		1479
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		1479
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1480
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1480
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1480
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1480
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1480
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1480
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1481
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1481
	<b>Name</b> <Nm>	[0..1]	Text		1481

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1481
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1481
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1481
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1482
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1482
	<b>Amount</b> <Amt>	[1..1]	Amount		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1482
	<b>Rate</b> <Rate>	[1..1]	Rate		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1483
	<b>Instalment</b> <Instlmt>	[0..1]	±		1483
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1484
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1484
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1485
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1485
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1485
	<b>Identification</b> <Id>	[1..1]	Text		1486
	<b>Value</b> <Val>	[0..1]	Binary		1486
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1486
	<b>Type</b> <Tp>	[0..1]	Text		1486
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1486

#### 18.4.2.2.7.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 18.4.2.2.7.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 18.4.2.2.7.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

*Definition:* Contains the updated amount of all authorisations related to the same business transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 18.4.2.2.7.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2416

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

#### 18.4.2.2.7.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

*Definition:* Detailed amounts associated with the total amount of transaction.

**DetailedAmount <DtIdAmt>** contains the following elements (see "DetailedAmount15" on page 1841 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1841
	CashBack <CshBck>	[0..1]	Amount		1841
	Gratuity <Grtty>	[0..1]	Amount		1842
	Fees <Fees>	[0..*]	±		1842
	Rebate <Rbt>	[0..*]	±		1842
	ValueAddedTax <ValAddedTax>	[0..*]	±		1842
	Surcharge <Srchr>	[0..*]	±		1842

#### 18.4.2.2.7.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 18.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 18.4.2.2.7.8 InvoiceAmount <InvcAmt>

*Presence:* [0..1]

*Definition:* Amount of the transaction that will be invoiced to the cardholder.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 18.4.2.2.7.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 18.4.2.2.7.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason1Code" on page 2407

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.

CodeName	Name	Definition
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.

#### 18.4.2.2.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended POI (Point Of Interaction).

*Datatype:* "Max35NumericText" on page 2426

#### 18.4.2.2.7.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.

CodeName	Name	Definition
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 18.4.2.2.7.13 CurrencyConversionResult <CcyConvsRslt>

*Presence:* [0..1]

*Definition:* Result of the currency conversion proposed to the cardholder.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1477
	<b>Conversion</b> <Convs>	[0..1]			1477
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1478
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1479
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1479
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1479
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1479
	<b>Name</b> <Nm>	[0..1]	Text		1479
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		1479
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1480
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1480
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1480
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1480
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1480
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1480
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1481
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1481
	<b>Name</b> <Nm>	[0..1]	Text		1481
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1481
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1481
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1481
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1482
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1482
	<b>Amount</b> <Amt>	[1..1]	Amount		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1482
	<b>Rate</b> <Rate>	[1..1]	Rate		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1483



#### **18.4.2.2.7.13.1 AcceptedByCardholder <AcptdByCrdhldr>**

*Presence:* [0..1]

*Definition:* True if the cardholder has accepted the currency conversion that the acquirer has proposed.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **18.4.2.2.7.13.2 Conversion <Convs>**

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

**Conversion <Convs>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1478
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1479
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1479
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1479
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1479
	<b>Name</b> <Nm>	[0..1]	Text		1479
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		1479
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1480
	<b>InvertedExchangeRate</b> <NvtrdXchgRate>	[0..1]	Rate		1480
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1480
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1480
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1480
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1480
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1481
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1481
	<b>Name</b> <Nm>	[0..1]	Text		1481
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1481
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1481
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1481
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1482
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1482
	<b>Amount</b> <Amt>	[1..1]	Amount		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1482
	<b>Rate</b> <Rate>	[1..1]	Rate		1482
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1482
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1483

#### 18.4.2.2.7.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.2.7.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1479
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1479
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1479
	<b>Name</b> <Nm>	[0..1]	Text		1479

##### 18.4.2.2.7.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

##### 18.4.2.2.7.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

##### 18.4.2.2.7.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

##### 18.4.2.2.7.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

##### 18.4.2.2.7.13.2.3 ResultingAmount <RsltgAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 18.4.2.2.7.13.2.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 18.4.2.2.7.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 18.4.2.2.7.13.2.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 18.4.2.2.7.13.2.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 18.4.2.2.7.13.2.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1480
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1481
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1481
	<b>Name</b> <Nm>	[0..1]	Text		1481

##### 18.4.2.2.7.13.2.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 18.4.2.2.7.13.2.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 18.4.2.2.7.13.2.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 18.4.2.2.7.13.2.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.2.7.13.2.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1481
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1481
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1482

##### 18.4.2.2.7.13.2.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 18.4.2.2.7.13.2.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 18.4.2.2.7.13.2.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 18.4.2.2.7.13.2.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount &lt;Amt&gt;</b>	[1..1]	Amount		1482
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		1482

##### 18.4.2.2.7.13.2.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 18.4.2.2.7.13.2.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

#### 18.4.2.2.7.13.2.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate &lt;Rate&gt;</b>	[1..1]	Rate		1482
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		1482

##### 18.4.2.2.7.13.2.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

##### 18.4.2.2.7.13.2.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

#### 18.4.2.2.7.13.2.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

#### 18.4.2.2.7.14 Instalment <Instlmt>

*Presence:* [0..1]

*Definition:* Data related to a financial loan (instalment) or to a recurring transaction.

**Instalment <Instlmt>** contains the following elements (see "[RecurringTransaction2](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2317
	PlanIdentification <PlanId>	[0..1]	Text		2317
	SequenceNumber <SeqNb>	[0..1]	Quantity		2317
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2317
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2318
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2318
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2318
	TotalAmount <TtlAmt>	[0..1]	Amount	C8	2318
	FirstAmount <FrstAmt>	[0..1]	Amount		2318
	Charges <Chrgs>	[0..1]	Amount		2319

#### 18.4.2.2.7.15 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see "[AggregationTransaction3](#)" on page 2278 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2278
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2278
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2279
	IndividualPayment <IndvPmt>	[0..*]			2279
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Labl>	[0..1]	Text		2280

#### 18.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2424



#### 18.4.2.2.7.17 SaleItem <SaleItm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2304
	ProductCode <PdctCd>	[1..1]	Text		2304
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2304
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2305
	ProductQuantity <PdctQty>	[0..1]	Quantity		2306
	UnitPrice <UnitPric>	[0..1]	Amount		2306
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2307
	ProductAmount <PdctAmt>	[1..1]	Amount		2307
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2307
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2307
	TaxType <TaxTp>	[0..1]	Text		2307
	ProductDescription <PdctDesc>	[0..1]	Text		2307
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2307
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2308
	SaleChannel <SaleChanl>	[0..1]	Text		2308
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2308

#### 18.4.2.2.7.18 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

*Definition:* Location of the delivery, for instance pump number or parking bay.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.2.7.19 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

**AdditionalInformation <AddtlInf>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification &lt;Id&gt;</b>	[1..1]	Text		1486
	<b>Value &lt;Val&gt;</b>	[0..1]	Binary		1486
	<b>ProtectedValue &lt;PrctcdVal&gt;</b>	[0..1]	±		1486
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		1486

#### 18.4.2.2.7.19.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 18.4.2.2.7.19.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 18.4.2.2.7.19.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 18.4.2.2.7.19.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 18.4.2.2.7.20 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

#### **18.4.2.2.8 MerchantReferenceData <MrchntRefData>**

*Presence:* [0..1]

*Definition:* Merchant related information provided in the request.

*Datatype:* "Max70Text" on page 2427

#### **18.4.2.3 CurrencyConversionResult <CcyConvsRslt>**

*Presence:* [1..1]

*Definition:* Details of the currency conversion.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <RsIt>	[1..1]	CodeSet		1489
	<b>ResultReason</b> <RsItRsn>	[0..1]	Text		1489
	<b>ConversionDetails</b> <ConvDsDtls>	[0..*]			1489
	<b>CurrencyConversionIdentification</b> <CcyConvSId>	[0..1]	Text		1490
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1491
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1491
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1491
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1491
	<b>Name</b> <Nm>	[0..1]	Text		1491
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		1491
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1492
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1492
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1492
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1492
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1492
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1492
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1493
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1493
	<b>Name</b> <Nm>	[0..1]	Text		1493
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1493
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1493
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1493
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1494
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1494
	<b>Amount</b> <Amt>	[1..1]	Amount		1494
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1494
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1494
	<b>Rate</b> <Rate>	[1..1]	Rate		1494
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1494
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1495

#### 18.4.2.3.1 Result <Rslt>

*Presence:* [1..1]

*Definition:* Result of a requested currency conversion.

*Datatype:* "CurrencyConversionResponse3Code" on page 2399

CodeName	Name	Definition
ODCC	Allowed	Dynamic currency conversion may be offered to the cardholder.
DCCA	Assumed	Transaction authorised with dynamic currency conversion.
ICRD	InvalidCard	The card is not valid for dynamic currency conversion.
IMER	InvalidMerchant	The card acceptor has not been recognised.
IPRD	InvalidProduct	Dynamic currency conversion service cannot be offered for this card product.
IRAT	NoRate	Exchange rates are not available.
NDCC	NotAvailable	Dynamic currency conversion is not available for other reason.
REST	Restriction	Conversion accepted for the requested amount exclusively.
CATG	Catalogue	Conversion accepted for a range of amounts.

#### 18.4.2.3.2 ResultReason <RsltRsn>

*Presence:* [0..1]

*Definition:* Plain text explaining the result of the currency conversion request.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.3.3 ConversionDetails <ConvsDtls>

*Presence:* [0..\*]

*Definition:* Information about the conversion of currency.

**ConversionDetails <ConvDtls>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification &lt;CcyConvslId&gt;</b>	[0..1]	Text		1490
	<b>TargetCurrency &lt;TrgtCcy&gt;</b>	[1..1]			1491
	<b>AlphaCode &lt;AlphaCd&gt;</b>	[1..1]	CodeSet	C1	1491
	<b>NumericCode &lt;NmrcCd&gt;</b>	[1..1]	Text		1491
	<b>Decimal &lt;Dcml&gt;</b>	[1..1]	Quantity		1491
	<b>Name &lt;Nm&gt;</b>	[0..1]	Text		1491
	<b>ResultingAmount &lt;RsltAmt&gt;</b>	[1..1]	Amount		1491
	<b>ExchangeRate &lt;XchgRate&gt;</b>	[1..1]	Rate		1492
	<b>InvertedExchangeRate &lt;NvtrdXchgRate&gt;</b>	[0..1]	Rate		1492
	<b>QuotationDate &lt;QtnDt&gt;</b>	[0..1]	DateTime		1492
	<b>ValidUntil &lt;VldUntil&gt;</b>	[0..1]	DateTime		1492
	<b>SourceCurrency &lt;SrcCcy&gt;</b>	[1..1]			1492
	<b>AlphaCode &lt;AlphaCd&gt;</b>	[0..1]	CodeSet	C1	1492
	<b>NumericCode &lt;NmrcCd&gt;</b>	[0..1]	Text		1493
	<b>Decimal &lt;Dcml&gt;</b>	[0..1]	Quantity		1493
	<b>Name &lt;Nm&gt;</b>	[0..1]	Text		1493
	<b>OriginalAmount &lt;OrgnlAmt&gt;</b>	[1..1]			1493
	<b>ActualAmount &lt;ActlAmt&gt;</b>	[0..1]	Amount		1493
	<b>MinimumAmount &lt;MinAmt&gt;</b>	[0..1]	Amount		1493
	<b>MaximumAmount &lt;MaxAmt&gt;</b>	[0..1]	Amount		1494
	<b>CommissionDetails &lt;ComssnDtls&gt;</b>	[0..*]			1494
	<b>Amount &lt;Amt&gt;</b>	[1..1]	Amount		1494
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		1494
	<b>MarkUpDetails &lt;MrkUpDtls&gt;</b>	[0..*]			1494
	<b>Rate &lt;Rate&gt;</b>	[1..1]	Rate		1494
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		1494
	<b>DeclarationDetails &lt;DclrtDtls&gt;</b>	[0..*]	±		1495

#### 18.4.2.3.3.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.3.3.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1491
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1491
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1491
	<b>Name</b> <Nm>	[0..1]	Text		1491

##### 18.4.2.3.3.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

##### 18.4.2.3.3.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

##### 18.4.2.3.3.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

##### 18.4.2.3.3.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

##### 18.4.2.3.3.3 ResultingAmount <RsltAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 18.4.2.3.3.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 18.4.2.3.3.5 InvertedExchangeRate <NvrtdXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 18.4.2.3.3.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 18.4.2.3.3.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 18.4.2.3.3.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1492
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1493
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1493
	<b>Name</b> <Nm>	[0..1]	Text		1493

##### 18.4.2.3.3.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379



## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 18.4.2.3.3.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 18.4.2.3.3.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 18.4.2.3.3.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 18.4.2.3.3.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount &lt;ActlAmt&gt;</b>	[0..1]	Amount		1493
	<b>MinimumAmount &lt;MinAmt&gt;</b>	[0..1]	Amount		1493
	<b>MaximumAmount &lt;MaxAmt&gt;</b>	[0..1]	Amount		1494

##### 18.4.2.3.3.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 18.4.2.3.3.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 18.4.2.3.3.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 18.4.2.3.3.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[1..1]	Amount		1494
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1494

##### 18.4.2.3.3.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 18.4.2.3.3.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

#### 18.4.2.3.3.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		1494
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1494

##### 18.4.2.3.3.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

##### 18.4.2.3.3.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

#### 18.4.2.3.3.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

### 18.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC (message authentication code).

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1495
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1496

#### 18.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 18.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "AuthenticatedData6" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

# **19 caaa.018.001.04 AcceptorCurrencyConversionAdviceV04**

## **19.1 MessageDefinition Functionality**

The AcceptorCurrencyConversionAdvice message is sent by the card acceptor to inform the currency conversion service provider of the outcome of the card currency conversion.

### **Outline**

The AcceptorCurrencyConversionAdviceV04 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header  
Currency Conversion request message management information.
- B. AcceptorCurrencyConversionAdvice  
Information related to the outcome of the currency conversion.
- C. SecurityTrailer  
Trailer of the message containing a MAC.

## 19.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCcyConvsAdv>	[1..1]			
	Header <Hdr>	[1..1]			1506
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1506
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1507
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1508
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1508
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1508
	InitiatingParty <InitgPty>	[1..1]	±		1508
	RecipientParty <RcptPty>	[0..1]	±		1508
	Traceability <Tracblt>	[0..*]	±		1509
	AcceptorCurrencyConversionAdvice <AccptrCcyConvsAdv>	[1..1]			1509
	Environment <Env>	[1..1]			1517
	Acquirer <Acqrr>	[0..1]	±		1522
	Merchant <Mrchnt>	[0..1]			1522
	Identification <Id>	[0..1]	±		1522
	CommonName <CmonNm>	[0..1]	Text		1523
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1523
	LocationAndContact <LctnAndCtct>	[0..1]	±		1523
	SchemeData <SchmeData>	[0..1]	Text		1524
	POI <POI>	[0..1]			1524
	Identification <Id>	[1..1]	±		1524
	SystemName <SysNm>	[0..1]	Text		1525
	GroupIdentification <GrpId>	[0..1]	Text		1525
	Capabilities <Cpblties>	[0..1]	±		1525
	TimeZone <TmZone>	[0..1]	Text		1526
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1526
	Component <Cmpnt>	[0..*]	±		1527
	Card <Card>	[0..1]			1529
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1530
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1530

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1530
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1531
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1531
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1531
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1531
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1531
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1532
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1532
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1532
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1532
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1532
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1532
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1533
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1533
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1533
	<b>Wallet</b> <Wlt>	[0..1]	±		1533
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1533
	<b>Cardholder</b> <Crhdldr>	[0..1]			1534
	<b>Identification</b> <Id>	[0..1]			1538
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1538
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1538
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1539
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1539
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1539
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1539
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1539
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1539
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1539
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1539
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1540
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1540

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1540
	<b>Department</b> <Dept>	[0..1]	Text		1540
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1540
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1540
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1540
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1541
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1541
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1541
	<b>Other</b> <Othr>	[0..*]	±		1541
	<b>Name</b> <Nm>	[0..1]	Text		1541
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1541
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1542
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1542
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1543
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1543
	<b>Authentication</b> <Authntcn>	[0..*]			1544
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1546
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1547
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1548
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1548
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1548
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1548
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1549
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1549
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1549
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1550
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1550
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1550
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1551
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1551
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1551



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		1551
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1551
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1551
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1551
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1551
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1552
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1552
	<b>Department</b> <Dept>	[0..1]	Text		1552
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1552
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1552
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1552
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1552
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1553
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1553
	<b>Other</b> <Othr>	[0..*]	±		1553
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1553
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1553
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1554
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1554
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1554
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1554
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1554
	<b>Identification</b> <Id>	[1..1]	Text		1555
	<b>Value</b> <Val>	[0..1]	Binary		1555
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1555
	<b>Type</b> <Tp>	[0..1]	Text		1555
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1555
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1556
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1557
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1557
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1557

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1558
	<b>MobileData</b> <MobData>	[0..*]			1558
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1558
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1558
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1559
	<b>Geolocation</b> <Glctr>	[0..1]			1559
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1559
	<b>Latitude</b> <Lat>	[1..1]	Text		1559
	<b>Longitude</b> <Long>	[1..1]	Text		1559
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1560
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1560
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1560
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1560
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1560
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1561
	<b>IMSI</b> <IMSI>	[0..1]	Text		1561
	<b>IMEI</b> <IMEI>	[0..1]	Text		1561
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1561
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1561
	<b>Transaction</b> <Tx>	[1..1]			1562
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1565
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1565
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1565
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1565
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1565
	<b>InterchangeData</b> <IntrchnngData>	[0..1]	Text		1565
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1565
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1567
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1568
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1568
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1568

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1568
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1569
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1569
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1569
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1569
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1569
	<b>UnattendedLevelCategory</b> <UattnddLvltCtgy>	[0..1]	Text		1570
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1570
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1571
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1573
	<b>Conversion</b> <Convs>	[0..1]			1573
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1575
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1575
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1575
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1575
	<b>Name</b> <Nm>	[0..1]	Text		1575
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		1575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1576
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1576
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1576
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1576
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1576
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1577
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1577
	<b>Name</b> <Nm>	[0..1]	Text		1577
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1578

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1578
	<b>Amount</b> <Amt>	[1..1]	Amount		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1578
	<b>Rate</b> <Rate>	[1..1]	Rate		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1579
	<b>Instalment</b> <Instlmt>	[0..1]	±		1579
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		1580
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1580
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1581
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1581
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1581
	<b>Identification</b> <Id>	[1..1]	Text		1582
	<b>Value</b> <Val>	[0..1]	Binary		1582
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1582
	<b>Type</b> <Tp>	[0..1]	Text		1582
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		1582
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1583
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1583
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1585
	<b>Conversion</b> <Convs>	[0..1]			1585
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1586
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1587
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1587
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1587
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1587
	<b>Name</b> <Nm>	[0..1]	Text		1587
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		1587
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1588
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1588

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1588
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1588
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1588
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1588
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1589
	<b>Decimal</b> <DcmI>	[0..1]	Quantity		1589
	<b>Name</b> <Nm>	[0..1]	Text		1589
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1589
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1589
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1589
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1590
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1590
	<b>Amount</b> <Amt>	[1..1]	Amount		1590
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1590
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1590
	<b>Rate</b> <Rate>	[1..1]	Rate		1590
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1590
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1591
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			1591
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1591
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1592

## 19.3 Constraints

### C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### C2 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C3 ValidationByTable

Must be a valid terrestrial language.

## C4 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

# 19.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

## 19.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Currency Conversion request message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1506
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1507
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		1508
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntnr>	[0..1]	Text		1508
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1508
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1508
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1508
	<b>Traceability</b> <Tracblt>	[0..*]	±		1509

### 19.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.

CodeName	Name	Definition
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 19.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

### 19.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

### 19.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

### 19.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

### 19.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

### 19.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.



**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 19.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

## 19.4.2 AcceptorCurrencyConversionAdvice <AccptrCcyConvsvAdv>

*Presence:* [1..1]

*Definition:* Information related to the outcome of the currency conversion.

**AcceptorCurrencyConversionAdvice <AccepTrCcyConvsAdv>** contains the following  
**AcceptorCurrencyConversionAdvice4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]			1517
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1522
	<b>Merchant</b> <Mrchnt>	[0..1]			1522
	<b>Identification</b> <Id>	[0..1]	±		1522
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1523
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1523
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1523
	<b>SchemaData</b> <SchmeData>	[0..1]	Text		1524
	<b>POI</b> <POI>	[0..1]			1524
	<b>Identification</b> <Id>	[1..1]	±		1524
	<b>SystemName</b> <SysNm>	[0..1]	Text		1525
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1525
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1525
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1526
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1526
	<b>Component</b> <Cmpnt>	[0..*]	±		1527
	<b>Card</b> <Card>	[0..1]			1529
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1530
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1530
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1530
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1531
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1531
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1531
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1531
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1531
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1532
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1532
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1532
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1532
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1532

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1532
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1533
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1533
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1533
	<b>Wallet</b> <Wlt>	[0..1]	±		1533
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1533
	<b>Cardholder</b> <Crhdldr>	[0..1]			1534
	<b>Identification</b> <Id>	[0..1]			1538
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1538
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1538
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1539
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1539
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1539
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		1539
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1539
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1539
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1539
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1539
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1540
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1540
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1540
	<b>Department</b> <Dept>	[0..1]	Text		1540
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1540
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1540
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1540
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1541
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1541
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1541
	<b>Other</b> <Othr>	[0..*]	±		1541
	<b>Name</b> <Nm>	[0..1]	Text		1541
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BlgAdr>	[0..1]	±		1542
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1542
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1543
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1543
	<b>Authentication</b> <Authntcn>	[0..*]			1544
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1546
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1547
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1548
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1548
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1548
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1548
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1549
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1549
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1549
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1550
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1550
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1550
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1551
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1551
	<b>SocialSecurityNumber</b> <ScIStyNb>	[0..1]	Text		1551
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1551
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1551
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1551
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1551
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1551
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1552
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1552
	<b>Department</b> <Dept>	[0..1]	Text		1552
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1552
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1552
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1552

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1552
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1553
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1553
	<b>Other</b> <Othr>	[0..*]	±		1553
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1553
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1553
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1554
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1554
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1554
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1554
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1554
	<b>Identification</b> <Id>	[1..1]	Text		1555
	<b>Value</b> <Val>	[0..1]	Binary		1555
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1555
	<b>Type</b> <Tp>	[0..1]	Text		1555
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1555
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1556
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1557
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1557
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1557
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1558
	<b>MobileData</b> <MobData>	[0..*]			1558
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1558
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1558
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1559
	<b>Geolocation</b> <Glctn>	[0..1]			1559
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1559
	<b>Latitude</b> <Lat>	[1..1]	Text		1559
	<b>Longitude</b> <Long>	[1..1]	Text		1559
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1560
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1560

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1560
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1560
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1560
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1561
	<b>IMSI</b> <IMSI>	[0..1]	Text		1561
	<b>IMEI</b> <IMEI>	[0..1]	Text		1561
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1561
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1561
	<b>Transaction</b> <Tx>	[1..1]			1562
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1565
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1565
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1565
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1565
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1565
	<b>InterchangeData</b> <IntrchnData>	[0..1]	Text		1565
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1565
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1567
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1568
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1568
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1568
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1568
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1569
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1569
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		1569
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1569
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1569
	<b>UnattendedLevelCategory</b> <UatnddLvCtgy>	[0..1]	Text		1570
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1570
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1571
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		1573
	<b>Conversion</b> <Convs>	[0..1]			1573

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvsl>	[0..1]	Text		1574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1575
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1575
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1575
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1575
	<b>Name</b> <Nm>	[0..1]	Text		1575
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		1575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1576
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1576
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1576
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1576
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1576
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1577
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1577
	<b>Name</b> <Nm>	[0..1]	Text		1577
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1578
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1578
	<b>Amount</b> <Amt>	[1..1]	Amount		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1578
	<b>Rate</b> <Rate>	[1..1]	Rate		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1579
	<b>Instalment</b> <Instlmt>	[0..1]	±		1579
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1580
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1580
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1581

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1581
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1581
	<b>Identification</b> <Id>	[1..1]	Text		1582
	<b>Value</b> <Val>	[0..1]	Binary		1582
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1582
	<b>Type</b> <Tp>	[0..1]	Text		1582
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1582
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1583
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1583
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1585
	<b>Conversion</b> <Convs>	[0..1]			1585
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1586
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1587
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1587
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1587
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1587
	<b>Name</b> <Nm>	[0..1]	Text		1587
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		1587
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1588
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1588
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1588
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1588
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1588
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1588
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1589
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1589
	<b>Name</b> <Nm>	[0..1]	Text		1589
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1589
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1589
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1589
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1590



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1590
	<b>Amount</b> <Amt>	[1..1]	Amount		1590
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1590
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1590
	<b>Rate</b> <Rate>	[1..1]	Rate		1590
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1590
	<b>DeclarationDetails</b> <DclrnDtls>	[0..*]	±		1591

#### 19.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1522
	<b>Merchant</b> <Mrchnt>	[0..1]			1522
	<b>Identification</b> <Id>	[0..1]	±		1522
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1523
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1523
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1523
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1524
	<b>POI</b> <POI>	[0..1]			1524
	<b>Identification</b> <Id>	[1..1]	±		1524
	<b>SystemName</b> <SysNm>	[0..1]	Text		1525
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1525
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1525
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1526
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1526
	<b>Component</b> <Cmpnt>	[0..*]	±		1527
	<b>Card</b> <Card>	[0..1]			1529
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1530
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1530
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1530
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1531
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1531
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1531
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1531
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1531
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1532
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1532
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1532
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1532
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1532
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1532
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1533

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1533
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1533
	<b>Wallet</b> <Wlt>	[0..1]	±		1533
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1533
	<b>Cardholder</b> <Crhdldr>	[0..1]			1534
	<b>Identification</b> <Id>	[0..1]			1538
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1538
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1538
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1539
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1539
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1539
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1539
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1539
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1539
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1539
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1539
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1540
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1540
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1540
	<b>Department</b> <Dept>	[0..1]	Text		1540
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1540
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1540
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1540
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1541
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1541
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1541
	<b>Other</b> <Othr>	[0..*]	±		1541
	<b>Name</b> <Nm>	[0..1]	Text		1541
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1541
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1542
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1542

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1543
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1543
	<b>Authentication</b> <Authntcn>	[0..*]			1544
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1546
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1547
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1548
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1548
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1548
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1548
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1549
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1549
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1549
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1550
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1550
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1550
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1551
	<b>CustomerNumber</b> <CstmNrNb>	[0..1]	Text		1551
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		1551
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1551
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1551
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1551
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1551
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1551
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1552
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1552
	<b>Department</b> <Dept>	[0..1]	Text		1552
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1552
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1552
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1552
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1552
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1553

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1553
	<b>Other</b> <Othr>	[0..*]	±		1553
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1553
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1553
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1554
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1554
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1554
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1554
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1554
	<b>Identification</b> <Id>	[1..1]	Text		1555
	<b>Value</b> <Val>	[0..1]	Binary		1555
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1555
	<b>Type</b> <Tp>	[0..1]	Text		1555
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1555
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1556
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1557
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1557
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1557
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1558
	<b>MobileData</b> <MobData>	[0..*]			1558
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1558
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1558
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1559
	<b>Geolocation</b> <Glctn>	[0..1]			1559
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1559
	<b>Latitude</b> <Lat>	[1..1]	Text		1559
	<b>Longitude</b> <Long>	[1..1]	Text		1559
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1560
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1560
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1560
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1560

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1560
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1561
	<b>IMSI</b> <IMSI>	[0..1]	Text		1561
	<b>IMEI</b> <IMEI>	[0..1]	Text		1561
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1561
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1561

#### 19.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 19.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1522
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1523
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1523
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1523
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1524

##### 19.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 19.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 19.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 19.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 19.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 19.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1524
	<b>SystemName</b> <SysNm>	[0..1]	Text		1525
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1525
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1525
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1526
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1526
	<b>Component</b> <Cmpnt>	[0..*]	±		1527

##### 19.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.



**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 19.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 19.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 19.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 19.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 19.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 19.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 19.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1530
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1530
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1530
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1531
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1531
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1531
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1531
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1531
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1532
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1532
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1532
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1532
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1532
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1532
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1533
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1533

#### 19.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 19.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 19.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 19.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 19.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 19.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 19.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 19.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 19.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 19.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 19.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427



#### 19.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 19.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 19.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 19.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 19.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1538
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1538
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1538
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1539
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1539
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1539
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1539
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1539
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1539
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1539
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1539
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1540
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1540
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1540
	<b>Department</b> <Dept>	[0..1]	Text		1540
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1540
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1540
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1540
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1541
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1541
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1541
	<b>Other</b> <Othr>	[0..*]	±		1541
	<b>Name</b> <Nm>	[0..1]	Text		1541
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1541
	<b>BillingAddress</b> <BlgAdr>	[0..1]	±		1542
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1542
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1543
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1543
	<b>Authentication</b> <Authntcn>	[0..*]			1544
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1546
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1547

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1548
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1548
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1548
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		1548
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1549
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1549
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1549
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1550
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1550
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1550
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1551
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1551
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1551
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1551
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1551
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1551
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1551
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1551
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1552
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1552
	<b>Department</b> <Dept>	[0..1]	Text		1552
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1552
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1552
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1552
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1552
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1553
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1553
	<b>Other</b> <Othr>	[0..*]	±		1553
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1553
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1553
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1554

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1554
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1554
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1554
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1554
	<b>Identification</b> <Id>	[1..1]	Text		1555
	<b>Value</b> <Val>	[0..1]	Binary		1555
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1555
	<b>Type</b> <Tp>	[0..1]	Text		1555
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1555
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1556
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1557
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1557
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1557
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1558
	<b>MobileData</b> <MobData>	[0..*]			1558
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1558
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1558
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1559
	<b>Geolocation</b> <Glctn>	[0..1]			1559
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1559
	<b>Latitude</b> <Lat>	[1..1]	Text		1559
	<b>Longitude</b> <Long>	[1..1]	Text		1559
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1560
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1560
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1560
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1560
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1560
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1561
	<b>IMSI</b> <IMSI>	[0..1]	Text		1561
	<b>IMEI</b> <IMEI>	[0..1]	Text		1561
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1561

#### 19.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1538
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1538
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1539
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1539
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1539
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1539
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1539
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1539
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1539
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1539
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1540
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1540
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1540
	<b>Department</b> <Dept>	[0..1]	Text		1540
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1540
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1540
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1540
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1541
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1541
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1541
	<b>Other</b> <Othr>	[0..*]	±		1541

##### 19.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 19.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.1.6 SocialSecurityNumber <ScIscTyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 19.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1540
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1541
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1541
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1541

##### 19.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420



#### 19.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 19.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 19.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 19.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 19.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 19.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 19.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 19.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1546
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1547
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1548
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1548
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1548
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1548
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1549
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1549
	<b>CardholderIdentification</b> <Crhdldrid>	[0..1]			1549
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1550
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1550
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1550
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1551
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1551
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1551
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1551
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1551
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1551
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1551
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1551
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1552
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1552
	<b>Department</b> <Dept>	[0..1]	Text		1552
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1552
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1552
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1552
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1552
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1553
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1553
	<b>Other</b> <Othr>	[0..*]	±		1553
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1553

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1553
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1554
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1554
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1554
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1554
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1554
	<b>Identification</b> <Id>	[1..1]	Text		1555
	<b>Value</b> <Val>	[0..1]	Binary		1555
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1555
	<b>Type</b> <Tp>	[0..1]	Text		1555

#### 19.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 19.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 19.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 19.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 19.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1548
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1549
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1549

##### 19.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).



**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 19.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 19.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1550
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1550
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1550
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1551
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1551
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		1551
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1551
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1551
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1551
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1551
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1551
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1552
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1552
	<b>Department</b> <Dept>	[0..1]	Text		1552
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1552
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1552
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1552
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1552
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1553
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1553
	<b>Other</b> <Othr>	[0..*]	±		1553

#### 19.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **19.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 19.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1552
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1552
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1553
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C2	1553

##### 19.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 19.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C2 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 19.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 19.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1553
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1554

#### 19.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 19.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 19.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 19.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1555
	<b>Value</b> <Val>	[0..1]	Binary		1555
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1555
	<b>Type</b> <Tp>	[0..1]	Text		1555

#### 19.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 19.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 19.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 19.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 19.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRsIt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1556
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1557
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1557
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1557

#### 19.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.



CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 19.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 19.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 19.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 19.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 19.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1558
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1558
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1559
	<b>Geolocation</b> <Glctn>	[0..1]			1559
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1559
	<b>Latitude</b> <Lat>	[1..1]	Text		1559
	<b>Longitude</b> <Long>	[1..1]	Text		1559
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1560
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1560
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1560
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1560
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1560
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1561
	<b>IMSI</b> <IMSI>	[0..1]	Text		1561
	<b>IMEI</b> <IMEI>	[0..1]	Text		1561
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1561

##### 19.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 19.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 19.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1559
	<b>Latitude</b> <Lat>	[1..1]	Text		1559
	<b>Longitude</b> <Long>	[1..1]	Text		1559
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1560
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1560
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1560
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1560

##### 19.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1559
	<b>Longitude</b> <Long>	[1..1]	Text		1559

##### 19.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

##### 19.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1560
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1560
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1560

##### 19.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 19.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 19.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 19.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1561
	<b>IMSI</b> <IMSI>	[0..1]	Text		1561
	<b>IMEI</b> <IMEI>	[0..1]	Text		1561

#### 19.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 19.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 19.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 19.4.2.1.8.11.6 ProtectedMobileData <PrctcdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrctcdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 19.4.2.1.9 ProtectedCardholderData <PrctcdCrdhldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 19.4.2.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Currency conversion of a card payment transaction between an acceptor and a currency conversion provider.

**Transaction <Tx>** contains the following **CardPaymentTransaction93** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1565
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1565
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1565
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1565
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1565
	<b>InterchangeData</b> <IntrchgData>	[0..1]	Text		1565
	<b>TransactionDetails</b> <TxDtIs>	[1..1]			1565
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1567
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1568
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1568
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1568
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		1568
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1569
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1569
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1569
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1569
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1569
	<b>UnattendedLevelCategory</b> <UatnddLvlCtgy>	[0..1]	Text		1570
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1570
	<b>CurrencyConversionResult</b> <CcyConvsRsIt>	[0..1]			1571
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1573
	<b>Conversion</b> <Convs>	[0..1]			1573
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1575
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1575
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1575
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1575
	<b>Name</b> <Nm>	[0..1]	Text		1575
	<b>ResultingAmount</b> <RsItgAmt>	[1..1]	Amount		1575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1576
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1576

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1576
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1576
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1576
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1577
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1577
	<b>Name</b> <Nm>	[0..1]	Text		1577
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1578
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1578
	<b>Amount</b> <Amt>	[1..1]	Amount		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1578
	<b>Rate</b> <Rate>	[1..1]	Rate		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1579
	<b>Instalment</b> <Instlmt>	[0..1]	±		1579
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1580
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1580
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1581
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1581
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1581
	<b>Identification</b> <Id>	[1..1]	Text		1582
	<b>Value</b> <Val>	[0..1]	Binary		1582
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1582
	<b>Type</b> <Tp>	[0..1]	Text		1582
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		1582
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1583



#### 19.4.2.2.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.2.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 19.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 19.4.2.2.5 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.2.6 InterchangeData <IntrchgData>

*Presence:* [0..1]

*Definition:* Interchange information related to the card scheme.

*Datatype:* "Max140Text" on page 2424

#### 19.4.2.2.7 TransactionDetails <TxDtIs>

*Presence:* [1..1]

*Definition:* Detail of the transaction transported.

**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1567
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1568
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1568
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1568
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1568
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1569
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1569
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1569
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1569
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1569
	<b>UnattendedLevelCategory</b> <UattnddLvltCtgy>	[0..1]	Text		1570
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1570
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1571
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1573
	<b>Conversion</b> <Convs>	[0..1]			1573
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1575
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1575
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1575
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1575
	<b>Name</b> <Nm>	[0..1]	Text		1575
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		1575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1576
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1576
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1576
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1576
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1576
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1577
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1577
	<b>Name</b> <Nm>	[0..1]	Text		1577

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1578
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1578
	<b>Amount</b> <Amt>	[1..1]	Amount		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1578
	<b>Rate</b> <Rate>	[1..1]	Rate		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1579
	<b>Instalment</b> <Instlmt>	[0..1]	±		1579
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1580
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1580
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1581
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1581
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1581
	<b>Identification</b> <Id>	[1..1]	Text		1582
	<b>Value</b> <Val>	[0..1]	Binary		1582
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1582
	<b>Type</b> <Tp>	[0..1]	Text		1582
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1582

#### 19.4.2.2.7.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 19.4.2.2.7.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.2.7.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

*Definition:* Contains the updated amount of all authorisations related to the same business transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.2.7.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2416

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

#### 19.4.2.2.7.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

*Definition:* Detailed amounts associated with the total amount of transaction.

**DetailedAmount <DtldAmt>** contains the following elements (see "DetailedAmount15" on page 1841 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1841
	CashBack <CshBck>	[0..1]	Amount		1841
	Gratuity <Grtty>	[0..1]	Amount		1842
	Fees <Fees>	[0..*]	±		1842
	Rebate <Rbt>	[0..*]	±		1842
	ValueAddedTax <ValAddedTax>	[0..*]	±		1842
	Surcharge <Srchr>	[0..*]	±		1842

#### 19.4.2.2.7.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.2.7.8 InvoiceAmount <InvcAmt>

*Presence:* [0..1]

*Definition:* Amount of the transaction that will be invoiced to the cardholder.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.2.7.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 19.4.2.2.7.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason1Code" on page 2407

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.

CodeName	Name	Definition
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.

#### 19.4.2.2.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended POI (Point Of Interaction).

*Datatype:* "Max35NumericText" on page 2426

#### 19.4.2.2.7.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.

CodeName	Name	Definition
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 19.4.2.2.7.13 CurrencyConversionResult <CcyConvsRslt>

*Presence:* [0..1]

*Definition:* Result of the currency conversion proposed to the cardholder.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AcptdByCrhdldr>	[0..1]	Indicator		1573
	<b>Conversion</b> <Convs>	[0..1]			1573
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1575
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1575
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1575
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1575
	<b>Name</b> <Nm>	[0..1]	Text		1575
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		1575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1576
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1576
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1576
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1576
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1576
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1577
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1577
	<b>Name</b> <Nm>	[0..1]	Text		1577
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1578
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1578
	<b>Amount</b> <Amt>	[1..1]	Amount		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1578
	<b>Rate</b> <Rate>	[1..1]	Rate		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1579



#### **19.4.2.2.7.13.1 AcceptedByCardholder <AcptdByCrdhldr>**

*Presence:* [0..1]

*Definition:* True if the cardholder has accepted the currency conversion that the acquirer has proposed.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **19.4.2.2.7.13.2 Conversion <Convs>**

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

**Conversion <Convs>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1575
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1575
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1575
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1575
	<b>Name</b> <Nm>	[0..1]	Text		1575
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		1575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1576
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1576
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1576
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1576
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1576
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1577
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1577
	<b>Name</b> <Nm>	[0..1]	Text		1577
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1578
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1578
	<b>Amount</b> <Amt>	[1..1]	Amount		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1578
	<b>Rate</b> <Rate>	[1..1]	Rate		1578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1578
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1579

#### 19.4.2.2.7.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.2.7.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1575
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1575
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1575
	<b>Name</b> <Nm>	[0..1]	Text		1575

##### 19.4.2.2.7.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

##### 19.4.2.2.7.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

##### 19.4.2.2.7.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

##### 19.4.2.2.7.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

##### 19.4.2.2.7.13.2.3 ResultingAmount <RsltgAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.2.7.13.2.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 19.4.2.2.7.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 19.4.2.2.7.13.2.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 19.4.2.2.7.13.2.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 19.4.2.2.7.13.2.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1577
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1577
	<b>Name</b> <Nm>	[0..1]	Text		1577

##### 19.4.2.2.7.13.2.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 19.4.2.2.7.13.2.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 19.4.2.2.7.13.2.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 19.4.2.2.7.13.2.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.2.7.13.2.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1578

##### 19.4.2.2.7.13.2.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 19.4.2.2.7.13.2.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.2.7.13.2.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.2.7.13.2.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount &lt;Amt&gt;</b>	[1..1]	Amount		1578
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		1578

##### 19.4.2.2.7.13.2.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 19.4.2.2.7.13.2.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

#### 19.4.2.2.7.13.2.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate &lt;Rate&gt;</b>	[1..1]	Rate		1578
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		1578

##### 19.4.2.2.7.13.2.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

##### 19.4.2.2.7.13.2.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

#### 19.4.2.2.7.13.2.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

#### 19.4.2.2.7.14 Instalment <Instlmt>

*Presence:* [0..1]

*Definition:* Data related to a financial loan (instalment) or to a recurring transaction.

**Instalment <Instlmt>** contains the following elements (see ["RecurringTransaction2"](#) on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2317
	PlanIdentification <PlanId>	[0..1]	Text		2317
	SequenceNumber <SeqNb>	[0..1]	Quantity		2317
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2317
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2318
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2318
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2318
	TotalAmount <TtlAmt>	[0..1]	Amount	C8	2318
	FirstAmount <FrstAmt>	[0..1]	Amount		2318
	Charges <Chrgs>	[0..1]	Amount		2319

#### 19.4.2.2.7.15 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see ["AggregationTransaction3"](#) on page 2278 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2278
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2278
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2279
	IndividualPayment <IndvPmt>	[0..*]			2279
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Labl>	[0..1]	Text		2280

#### 19.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* ["Max10Text"](#) on page 2424



#### 19.4.2.2.7.17 SaleItem <SaleItm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2304
	ProductCode <PdctCd>	[1..1]	Text		2304
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2304
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2305
	ProductQuantity <PdctQty>	[0..1]	Quantity		2306
	UnitPrice <UnitPric>	[0..1]	Amount		2306
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2307
	ProductAmount <PdctAmt>	[1..1]	Amount		2307
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2307
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2307
	TaxType <TaxTp>	[0..1]	Text		2307
	ProductDescription <PdctDesc>	[0..1]	Text		2307
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2307
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2308
	SaleChannel <SaleChanl>	[0..1]	Text		2308
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2308

#### 19.4.2.2.7.18 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

*Definition:* Location of the delivery, for instance pump number or parking bay.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.2.7.19 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

**AdditionalInformation <AddtlInf>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1582
	<b>Value</b> <Val>	[0..1]	Binary		1582
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1582
	<b>Type</b> <Tp>	[0..1]	Text		1582

#### 19.4.2.2.7.19.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 19.4.2.2.7.19.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 19.4.2.2.7.19.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 19.4.2.2.7.19.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 19.4.2.2.7.20 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

#### **19.4.2.2.8 MerchantReferenceData <MrchntRefData>**

*Presence:* [0..1]

*Definition:* Merchant related information provided in the request.

*Datatype:* "Max70Text" on page 2427

#### **19.4.2.3 CurrencyConversionResult <CcyConvsRslt>**

*Presence:* [0..1]

*Definition:* Result of the currency conversion proposed to the cardholder and its result.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1585
	<b>Conversion</b> <Convs>	[0..1]			1585
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1586
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1587
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1587
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1587
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1587
	<b>Name</b> <Nm>	[0..1]	Text		1587
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		1587
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1588
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1588
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1588
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1588
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1588
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1588
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1589
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1589
	<b>Name</b> <Nm>	[0..1]	Text		1589
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1589
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1589
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1589
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1590
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1590
	<b>Amount</b> <Amt>	[1..1]	Amount		1590
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1590
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1590
	<b>Rate</b> <Rate>	[1..1]	Rate		1590
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1590
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1591

#### **19.4.2.3.1 AcceptedByCardholder <AccptdByCrdhldr>**

*Presence:* [0..1]

*Definition:* True if the cardholder has accepted the currency conversion that the acquirer has proposed.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### **19.4.2.3.2 Conversion <Convs>**

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

**Conversion <Convs>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1586
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1587
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1587
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1587
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1587
	<b>Name</b> <Nm>	[0..1]	Text		1587
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		1587
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1588
	<b>InvertedExchangeRate</b> <NvtrdXchgRate>	[0..1]	Rate		1588
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1588
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1588
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1588
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1588
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1589
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1589
	<b>Name</b> <Nm>	[0..1]	Text		1589
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1589
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1589
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1589
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1590
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1590
	<b>Amount</b> <Amt>	[1..1]	Amount		1590
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1590
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1590
	<b>Rate</b> <Rate>	[1..1]	Rate		1590
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1590
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1591

#### 19.4.2.3.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.3.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1587
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1587
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1587
	<b>Name</b> <Nm>	[0..1]	Text		1587

##### 19.4.2.3.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

##### 19.4.2.3.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

##### 19.4.2.3.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

##### 19.4.2.3.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

##### 19.4.2.3.2.3 ResultingAmount <RsltAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.3.2.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 19.4.2.3.2.5 InvertedExchangeRate <NvrtedXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 19.4.2.3.2.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 19.4.2.3.2.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 19.4.2.3.2.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1588
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1589
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1589
	<b>Name</b> <Nm>	[0..1]	Text		1589

##### 19.4.2.3.2.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379



## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 19.4.2.3.2.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 19.4.2.3.2.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 19.4.2.3.2.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 19.4.2.3.2.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1589
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1589
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1590

#### 19.4.2.3.2.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.3.2.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.3.2.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 19.4.2.3.2.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[1..1]	Amount		1590
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1590

##### 19.4.2.3.2.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 19.4.2.3.2.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

#### 19.4.2.3.2.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		1590
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1590

##### 19.4.2.3.2.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

##### 19.4.2.3.2.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

#### 19.4.2.3.2.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

### 19.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1591
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1592

#### 19.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 19.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "AuthenticatedData6" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

## **20      caaa.019.001.03**

# **AcceptorCurrencyConversionAdviceResponseV03**

### **20.1    MessageDefinition Functionality**

The AcceptorCurrencyConversionAdviceResponse message is sent by the service provider to acknowledge the acceptor about the notification of the reception of the currency conversion advice.

#### Outline

The AcceptorCurrencyConversionAdviceResponseV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
  - Cancellation advice response message management information.
- B. CurrencyConversionAdviceResponse
  - Information related to the currency conversion advice response.
- C. SecurityTrailer
  - Trailer of the message containing a MAC.

## 20.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCcyConvsAdvRspn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			1599
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1599
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1601
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		1601
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		1601
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1601
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1601
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1602
	<b>Traceability</b> <Tracblt>	[0..*]	±		1602
	<b>CurrencyConversionAdviceResponse</b> <CcyConvsAdvRspn>	[1..1]			1603
	<b>Environment</b> <Envnt>	[1..1]			1608
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1613
	<b>Merchant</b> <Mrchnt>	[0..1]			1613
	<b>Identification</b> <Id>	[0..1]	±		1613
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1614
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1614
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1614
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1615
	<b>POI</b> <POI>	[0..1]			1615
	<b>Identification</b> <Id>	[1..1]	±		1615
	<b>SystemName</b> <SysNm>	[0..1]	Text		1616
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		1616
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1616
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1617
	<b>TerminalIntegration</b> <TermnlIntgttn>	[0..1]	CodeSet		1617
	<b>Component</b> <Cmpnt>	[0..*]	±		1618
	<b>Card</b> <Card>	[0..1]			1620
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1621
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1621

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1621
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1622
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1622
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1622
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1622
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1622
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1623
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1623
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1623
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1623
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1623
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1623
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1624
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1624
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1624
	<b>Wallet</b> <Wlt>	[0..1]	±		1624
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1624
	<b>Cardholder</b> <Crhdldr>	[0..1]			1625
	<b>Identification</b> <Id>	[0..1]			1629
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1629
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1629
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1630
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1630
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1630
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1630
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1630
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1630
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1630
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1630
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1631
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1631

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1631
	<b>Department</b> <Dept>	[0..1]	Text		1631
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1631
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1631
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1631
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1632
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1632
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1632
	<b>Other</b> <Othr>	[0..*]	±		1632
	<b>Name</b> <Nm>	[0..1]	Text		1632
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1632
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1633
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1633
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1634
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1634
	<b>Authentication</b> <Authntcn>	[0..*]			1635
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1637
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1638
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1639
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1639
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1639
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1639
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1640
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1640
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1640
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1641
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1641
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1641
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1642
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1642
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1642



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		1642
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1642
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1642
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1642
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1642
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1643
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1643
	<b>Department</b> <Dept>	[0..1]	Text		1643
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1643
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1643
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1643
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1643
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1644
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1644
	<b>Other</b> <Othr>	[0..*]	±		1644
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1644
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1644
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1645
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1645
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1645
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1645
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1645
	<b>Identification</b> <Id>	[1..1]	Text		1646
	<b>Value</b> <Val>	[0..1]	Binary		1646
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1646
	<b>Type</b> <Tp>	[0..1]	Text		1646
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1646
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1647
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1648
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1648
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1648

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1649
	<b>MobileData</b> <MobData>	[0..*]			1649
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1649
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1649
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1650
	<b>Geolocation</b> <Glctr>	[0..1]			1650
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1650
	<b>Latitude</b> <Lat>	[1..1]	Text		1650
	<b>Longitude</b> <Long>	[1..1]	Text		1650
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1651
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1651
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1651
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1651
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1651
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1652
	<b>IMSI</b> <IMSI>	[0..1]	Text		1652
	<b>IMEI</b> <IMEI>	[0..1]	Text		1652
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1652
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1652
	<b>Transaction</b> <Tx>	[1..1]			1653
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1653
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1653
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1653
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1654
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1654
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1654
	<b>TMSTrigger</b> <TMSTrgr>	[0..1]			1654
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		1654
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		1655
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		1655
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			1655

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1655
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1656

## 20.3 Constraints

### C1 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C2 ValidationByTable

Must be a valid terrestrial language.

## 20.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 20.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Cancellation advice response message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1599
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1601
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		1601
	<b>ReTransmissionCounter</b> <ReTrnsmssnCnt>	[0..1]	Text		1601
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1601
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1601
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1602
	<b>Traceability</b> <Tracblt>	[0..*]	±		1602

#### 20.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.

CodeName	Name	Definition
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 20.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 20.4.1.3 ExchangeIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 20.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 20.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 20.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

### 20.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2248

### 20.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

## 20.4.2      **CurrencyConversionAdviceResponse** **<CcyConvsAdvcRspn>**

*Presence:* [1..1]

*Definition:* Information related to the currency conversion advice response.

**CurrencyConversionAdviceResponse <CcyConvsAdvcsRspn>** contains the following  
**AcceptorCancellationAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envnt>	[1..1]			1608
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1613
	<b>Merchant</b> <Mrchnt>	[0..1]			1613
	<b>Identification</b> <Id>	[0..1]	±		1613
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1614
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1614
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1614
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1615
	<b>POI</b> <POI>	[0..1]			1615
	<b>Identification</b> <Id>	[1..1]	±		1615
	<b>SystemName</b> <SysNm>	[0..1]	Text		1616
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1616
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1616
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1617
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1617
	<b>Component</b> <Cmpnt>	[0..*]	±		1618
	<b>Card</b> <Card>	[0..1]			1620
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1621
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1621
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1621
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1622
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1622
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1622
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1622
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1622
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1623
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1623
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1623
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1623
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1623



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1623
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1624
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1624
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1624
	<b>Wallet</b> <Wlt>	[0..1]	±		1624
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1624
	<b>Cardholder</b> <Crhdldr>	[0..1]			1625
	<b>Identification</b> <Id>	[0..1]			1629
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1629
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1629
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1630
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1630
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1630
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		1630
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1630
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1630
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1630
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1630
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1631
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1631
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1631
	<b>Department</b> <Dept>	[0..1]	Text		1631
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1631
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1631
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1631
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1632
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1632
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1632
	<b>Other</b> <Othr>	[0..*]	±		1632
	<b>Name</b> <Nm>	[0..1]	Text		1632
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1632

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1633
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1633
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1634
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1634
	<b>Authentication</b> <Authntcn>	[0..*]			1635
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1637
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1638
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1639
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1639
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1639
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1639
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1640
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1640
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1640
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1641
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1641
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1641
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1642
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1642
	<b>SocialSecurityNumber</b> <ScIStctyNb>	[0..1]	Text		1642
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1642
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1642
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1642
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1642
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1642
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1643
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1643
	<b>Department</b> <Dept>	[0..1]	Text		1643
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1643
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1643
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1643

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1643
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1644
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1644
	<b>Other</b> <Othr>	[0..*]	±		1644
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1644
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1644
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1645
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1645
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1645
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1645
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1645
	<b>Identification</b> <Id>	[1..1]	Text		1646
	<b>Value</b> <Val>	[0..1]	Binary		1646
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1646
	<b>Type</b> <Tp>	[0..1]	Text		1646
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1646
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1647
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1648
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1648
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1648
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1649
	<b>MobileData</b> <MobData>	[0..*]			1649
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1649
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1649
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1650
	<b>Geolocation</b> <Glctn>	[0..1]			1650
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1650
	<b>Latitude</b> <Lat>	[1..1]	Text		1650
	<b>Longitude</b> <Long>	[1..1]	Text		1650
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1651
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1651

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1651
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1651
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1651
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1652
	<b>IMSI</b> <IMSI>	[0..1]	Text		1652
	<b>IMEI</b> <IMEI>	[0..1]	Text		1652
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1652
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		1652
	<b>Transaction</b> <Tx>	[1..1]			1653
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1653
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1653
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1653
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1654
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1654
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1654
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			1654
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		1654
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		1655
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		1655

#### 20.4.2.1 Environment <Env>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1613
	<b>Merchant</b> <Mrchnt>	[0..1]			1613
	<b>Identification</b> <Id>	[0..1]	±		1613
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1614
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1614
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1614
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1615
	<b>POI</b> <POI>	[0..1]			1615
	<b>Identification</b> <Id>	[1..1]	±		1615
	<b>SystemName</b> <SysNm>	[0..1]	Text		1616
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1616
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1616
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1617
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1617
	<b>Component</b> <Cmpnt>	[0..*]	±		1618
	<b>Card</b> <Card>	[0..1]			1620
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1621
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1621
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1621
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1622
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1622
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1622
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1622
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1622
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1623
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1623
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1623
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1623
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1623
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1623
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1624

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1624
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1624
	<b>Wallet</b> <Wlt>	[0..1]	±		1624
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1624
	<b>Cardholder</b> <Crhdldr>	[0..1]			1625
	<b>Identification</b> <Id>	[0..1]			1629
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1629
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1629
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1630
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1630
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1630
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1630
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1630
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1630
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1630
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1630
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1631
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1631
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1631
	<b>Department</b> <Dept>	[0..1]	Text		1631
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1631
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1631
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1631
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1632
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1632
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1632
	<b>Other</b> <Othr>	[0..*]	±		1632
	<b>Name</b> <Nm>	[0..1]	Text		1632
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1632
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1633
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1633

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1634
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1634
	<b>Authentication</b> <Authntcn>	[0..*]			1635
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1637
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1638
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1639
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1639
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1639
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1639
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1640
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1640
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1640
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1641
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1641
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1641
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1642
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1642
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		1642
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1642
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1642
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1642
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1642
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1642
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1643
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1643
	<b>Department</b> <Dept>	[0..1]	Text		1643
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1643
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1643
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1643
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1643
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1644

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1644
	<b>Other</b> <Othr>	[0..*]	±		1644
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1644
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1644
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1645
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1645
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1645
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1645
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1645
	<b>Identification</b> <Id>	[1..1]	Text		1646
	<b>Value</b> <Val>	[0..1]	Binary		1646
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1646
	<b>Type</b> <Tp>	[0..1]	Text		1646
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1646
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1647
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1648
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1648
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1648
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1649
	<b>MobileData</b> <MobData>	[0..*]			1649
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1649
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1649
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1650
	<b>Geolocation</b> <Glctn>	[0..1]			1650
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1650
	<b>Latitude</b> <Lat>	[1..1]	Text		1650
	<b>Longitude</b> <Long>	[1..1]	Text		1650
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1651
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1651
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1651
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1651



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1651
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1652
	<b>IMSI</b> <IMSI>	[0..1]	Text		1652
	<b>IMEI</b> <IMEI>	[0..1]	Text		1652
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1652
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1652

#### 20.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 20.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1613
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1614
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1614
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1614
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1615

##### 20.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 20.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 20.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 20.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 20.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 20.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1615
	<b>SystemName</b> <SysNm>	[0..1]	Text		1616
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1616
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		1616
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1617
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1617
	<b>Component</b> <Cmpnt>	[0..*]	±		1618

##### 20.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 20.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 20.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 20.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrpLngth>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 20.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 20.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 20.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 20.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.



**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1621
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1621
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1621
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1622
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1622
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1622
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1622
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1622
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1623
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1623
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1623
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1623
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1623
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1623
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1624
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1624

#### 20.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 20.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 20.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 20.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 20.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 20.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 20.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 20.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 20.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 20.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 20.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 20.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 20.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 20.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 20.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 20.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdrHldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1629
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1629
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1629
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1630
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1630
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1630
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1630
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1630
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1630
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1630
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1630
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1631
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1631
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1631
	<b>Department</b> <Dept>	[0..1]	Text		1631
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1631
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1631
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1631
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1632
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1632
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1632
	<b>Other</b> <Othr>	[0..*]	±		1632
	<b>Name</b> <Nm>	[0..1]	Text		1632
	<b>Language</b> <Lang>	[0..1]	CodeSet	C2	1632
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1633
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1633
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1634
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1634
	<b>Authentication</b> <Authntcn>	[0..*]			1635
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1637
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1638

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1639
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1639
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1639
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		1639
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1640
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1640
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1640
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1641
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1641
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1641
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1642
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1642
	<b>SocialSecurityNumber</b> <ScIStyNb>	[0..1]	Text		1642
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1642
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1642
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1642
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1642
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1642
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1643
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1643
	<b>Department</b> <Dept>	[0..1]	Text		1643
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1643
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1643
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1643
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1643
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1644
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1644
	<b>Other</b> <Othr>	[0..*]	±		1644
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1644
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1644
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1645

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1645
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1645
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1645
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1645
	<b>Identification</b> <Id>	[1..1]	Text		1646
	<b>Value</b> <Val>	[0..1]	Binary		1646
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1646
	<b>Type</b> <Tp>	[0..1]	Text		1646
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1646
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1647
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1648
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1648
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1648
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1649
	<b>MobileData</b> <MobData>	[0..*]			1649
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1649
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1649
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1650
	<b>Geolocation</b> <Glctn>	[0..1]			1650
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1650
	<b>Latitude</b> <Lat>	[1..1]	Text		1650
	<b>Longitude</b> <Long>	[1..1]	Text		1650
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1651
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1651
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1651
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1651
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1651
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1652
	<b>IMSI</b> <IMSI>	[0..1]	Text		1652
	<b>IMEI</b> <IMEI>	[0..1]	Text		1652
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1652



#### 20.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1629
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1629
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1630
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1630
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1630
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1630
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1630
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1630
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1630
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1630
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1631
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1631
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1631
	<b>Department</b> <Dept>	[0..1]	Text		1631
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1631
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1631
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1631
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1632
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1632
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1632
	<b>Other</b> <Othr>	[0..*]	±		1632

##### 20.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 20.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 20.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1631
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1632
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1632
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1632

##### 20.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 20.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 20.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 20.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 20.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 20.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 20.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 20.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 20.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1637
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1638
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1639
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1639
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1639
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1639
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1640
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1640
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			1640
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1641
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1641
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1641
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1642
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1642
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1642
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1642
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1642
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1642
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1642
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1642
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1643
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1643
	<b>Department</b> <Dept>	[0..1]	Text		1643
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1643
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1643
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1643
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1643
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1644
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1644
	<b>Other</b> <Othr>	[0..*]	±		1644
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1644



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1644
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1645
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1645
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1645
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1645
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1645
	<b>Identification</b> <Id>	[1..1]	Text		1646
	<b>Value</b> <Val>	[0..1]	Binary		1646
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1646
	<b>Type</b> <Tp>	[0..1]	Text		1646

#### 20.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 20.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 20.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 20.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 20.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1639
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1640
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1640

##### 20.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 20.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 20.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1641
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1641
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1641
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1642
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1642
	<b>SocialSecurityNumber</b> <ScIScItyNb>	[0..1]	Text		1642
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1642
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1642
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1642
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1642
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1642
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1643
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1643
	<b>Department</b> <Dept>	[0..1]	Text		1643
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1643
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1643
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1643
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1643
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1644
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1644
	<b>Other</b> <Othr>	[0..*]	±		1644

#### 20.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **20.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 20.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1643
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1643
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1644
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1644

##### 20.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 20.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 20.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 20.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1644
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1645

#### 20.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427



#### 20.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 20.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 20.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1646
	<b>Value</b> <Val>	[0..1]	Binary		1646
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1646
	<b>Type</b> <Tp>	[0..1]	Text		1646

#### 20.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 20.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 20.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 20.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 20.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1647
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1648
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1648
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1648

#### 20.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 20.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 20.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 20.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 20.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 20.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1649
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1649
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1650
	<b>Geolocation</b> <Glctn>	[0..1]			1650
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1650
	<b>Latitude</b> <Lat>	[1..1]	Text		1650
	<b>Longitude</b> <Long>	[1..1]	Text		1650
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1651
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1651
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1651
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1651
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1651
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1652
	<b>IMSI</b> <IMSI>	[0..1]	Text		1652
	<b>IMEI</b> <IMEI>	[0..1]	Text		1652
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1652

##### 20.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 20.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 20.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1650
	<b>Latitude</b> <Lat>	[1..1]	Text		1650
	<b>Longitude</b> <Long>	[1..1]	Text		1650
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1651
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1651
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1651
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1651

##### 20.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1650
	<b>Longitude</b> <Long>	[1..1]	Text		1650

##### 20.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

##### 20.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1651
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1651
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1651

##### 20.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 20.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 20.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 20.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1652
	<b>IMSI</b> <IMSI>	[0..1]	Text		1652
	<b>IMEI</b> <IMEI>	[0..1]	Text		1652

#### 20.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 20.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 20.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 20.4.2.1.8.11.6 ProtectedMobileData <PrctcdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrctcdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 20.4.2.1.9 ProtectedCardholderData <PrctcdCrdhldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.



**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see ["ContentInformationType22" on page 2346](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

## 20.4.2.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Cancellation transaction from an acceptor to the acquirer.

**Transaction <Tx>** contains the following **CardPaymentTransactionAdviceResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification &lt;SaleRefId&gt;</b>	[0..1]	Text		1653
	<b>TransactionIdentification &lt;TxId&gt;</b>	[1..1]	±		1653
	<b>InitiatorTransactionIdentification &lt;InitrTxId&gt;</b>	[0..1]	Text		1653
	<b>RecipientTransactionIdentification &lt;RcptTxId&gt;</b>	[0..1]	Text		1654
	<b>ReconciliationIdentification &lt;RcncltnId&gt;</b>	[0..1]	Text		1654
	<b>Response &lt;Rspn&gt;</b>	[1..1]	CodeSet		1654

### 20.4.2.2.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* ["Max35Text" on page 2426](#)

### 20.4.2.2.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentifier1" on page 2315](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

### 20.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* ["Max35Text" on page 2426](#)

#### 20.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 20.4.2.2.5 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.2.6 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of a requested service.

*Datatype:* "Response4Code" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.

#### 20.4.2.3 TMSTrigger <TMSTrggr>

*Presence:* [0..1]

*Definition:* Instructions for contacting the terminal management host.

**TMSTrigger <TMSTrggr>** contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		1654
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		1655
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		1655

##### 20.4.2.3.1 TMSContactLevel <TMSCtctLvl>

*Presence:* [1..1]

*Definition:* Level of urgency in contacting the maintenance.

*Datatype:* "TMSContactLevel1Code" on page 2415

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.

CodeName	Name	Definition
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

#### 20.4.2.3.2 TMSIdentification <TMSId>

*Presence:* [0..1]

*Definition:* Identification of the host to contact for the maintenance.

*Datatype:* "Max35Text" on page 2426

#### 20.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

*Presence:* [0..1]

*Definition:* Date and time for calling the maintenance.

*Datatype:* "ISODateTime" on page 2420

### 20.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1655
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1656

#### 20.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).

CodeName	Name	Definition
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 20.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on [page 2344](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

# **21        caaa.020.001.01**

## **TransactionAdviceV01**

### **21.1    MessageDefinition Functionality**

The TransactionAdvice message is sent by the Acquirer (or Agent) to provide to the POI the outcome of a transaction processed outside of this protocol.

#### Outline

The TransactionAdviceV01 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
  - Completion advice message management information.
- B. TransactionAdvice
  - Information related to the outcome of the transaction.
- C. SecurityTrailer
  - Trailer of the message containing a MAC.

## 21.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <TxAdv>	[1..1]			
	Header <Hdr>	[1..1]			1667
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1668
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1669
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1669
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1669
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1670
	InitiatingParty <InitgPty>	[1..1]	±		1670
	RecipientParty <RcptPty>	[0..1]	±		1670
	Traceability <Tracblt>	[0..*]	±		1671
	TransactionAdvice <TxAdv>	[1..1]			1671
	Environment <Envt>	[1..1]			1680
	Acquirer <Acqrr>	[0..1]	±		1685
	Merchant <Mrchnt>	[0..1]			1685
	Identification <Id>	[0..1]	±		1685
	CommonName <CmonNm>	[0..1]	Text		1686
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1686
	LocationAndContact <LctnAndCtct>	[0..1]	±		1686
	SchemeData <SchmeData>	[0..1]	Text		1687
	POI <POI>	[0..1]			1687
	Identification <Id>	[1..1]	±		1687
	SystemName <SysNm>	[0..1]	Text		1688
	GroupIdentification <GrpId>	[0..1]	Text		1688
	Capabilities <Cpblties>	[0..1]	±		1688
	TimeZone <TmZone>	[0..1]	Text		1689
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1689
	Component <Cmpnt>	[0..*]	±		1690
	Card <Card>	[0..1]			1692
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1693
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1693

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1693
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1694
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1694
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1694
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1694
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1694
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1695
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1695
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1695
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1695
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1695
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1695
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1696
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1696
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1696
	<b>Wallet</b> <Wllt>	[0..1]	±		1696
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1696
	<b>Cardholder</b> <Crhdldr>	[0..1]			1697
	<b>Identification</b> <Id>	[0..1]			1701
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1701
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1701
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1702
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1702
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1702
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1702
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1702
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1702
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1702
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1702
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1703
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1703

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1703
	<b>Department</b> <Dept>	[0..1]	Text		1703
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1703
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1703
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1703
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1704
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1704
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1704
	<b>Other</b> <Othr>	[0..*]	±		1704
	<b>Name</b> <Nm>	[0..1]	Text		1704
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	1704
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1705
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1705
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1706
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1706
	<b>Authentication</b> <Authntcn>	[0..*]			1707
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1709
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1710
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1711
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1711
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1711
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1711
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1712
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1712
	<b>CardholderIdentification</b> <CrhdldrId>	[0..1]			1712
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1713
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1713
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1713
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1714
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1714
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1714



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		1714
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1714
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1714
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1714
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1714
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1715
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1715
	<b>Department</b> <Dept>	[0..1]	Text		1715
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1715
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1715
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1715
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1715
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1716
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1716
	<b>Other</b> <Othr>	[0..*]	±		1716
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1716
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1716
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1717
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1717
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1717
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1717
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1717
	<b>Identification</b> <Id>	[1..1]	Text		1718
	<b>Value</b> <Val>	[0..1]	Binary		1718
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1718
	<b>Type</b> <Tp>	[0..1]	Text		1718
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1718
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1719
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1720
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1720
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1720

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1721
	<b>MobileData</b> <MobData>	[0..*]			1721
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1721
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1721
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1722
	<b>Geolocation</b> <Glctr>	[0..1]			1722
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1722
	<b>Latitude</b> <Lat>	[1..1]	Text		1722
	<b>Longitude</b> <Long>	[1..1]	Text		1722
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1723
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1723
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1723
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1723
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1723
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1724
	<b>IMSI</b> <IMSI>	[0..1]	Text		1724
	<b>IMEI</b> <IMEI>	[0..1]	Text		1724
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1724
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1724
	<b>Context</b> <Cntxt>	[0..1]	±		1725
	<b>Transaction</b> <Tx>	[1..1]			1728
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1733
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		1733
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1734
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1734
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1735
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1735
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		1735
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1735
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1735
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		1735

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1736
	<b>OriginalTransaction</b> <OrgnITx>	[0..1]	±		1736
	<b>TransactionSuccess</b> <TxSucss>	[1..1]	Indicator		1737
	<b>Reversal</b> <Rvs/>	[0..1]	Indicator		1737
	<b>MerchantOverride</b> <MrchntOvrrd>	[0..1]	Indicator		1737
	<b>FailureReason</b> <FailrRsn>	[0..*]	CodeSet		1737
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1738
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1738
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1738
	<b>InterchangeData</b> <IntrchnngData>	[0..1]	Text		1738
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1738
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1740
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1741
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1741
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1741
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		1741
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1742
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1742
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1742
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1742
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1742
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		1743
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1743
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1744
	<b>AcceptedByCardholder</b> <AcptdByCrdhldr>	[0..1]	Indicator		1746
	<b>Conversion</b> <Convs>	[0..1]			1746
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1747
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1748
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1748
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1748
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1748

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		1748
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		1748
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1749
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1749
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1749
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1749
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1749
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1749
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1750
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1750
	<b>Name</b> <Nm>	[0..1]	Text		1750
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1750
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1750
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1750
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1751
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1751
	<b>Amount</b> <Amt>	[1..1]	Amount		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1751
	<b>Rate</b> <Rate>	[1..1]	Rate		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1752
	<b>Instalment</b> <Instlmt>	[0..1]	±		1752
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1753
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1753
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1754
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1754
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1754
	<b>Identification</b> <Id>	[1..1]	Text		1755
	<b>Value</b> <Val>	[0..1]	Binary		1755
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1755

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		1755
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1755
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1756
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1756
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1756
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1757
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1757
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1757
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1757
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1757
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1757
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1758
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1759
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1759
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1759
	<b>AccountFrom</b> <AcctFr>	[0..1]			1759
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		1760
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		1761
	<b>AccountName</b> <AcctNm>	[0..1]	Text		1761
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			1762
	<b>Name</b> <Nm>	[1..1]	Text		1762
	<b>Address</b> <Adr>	[1..1]	±		1762
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1762
	<b>AccountIdentifier</b> <Acctldr>	[0..1]			1763
{Or	<b>Card</b> <Card>	[1..1]	Text		1763
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1763
Or	<b>EMail</b> <EMail>	[1..1]	Text		1763
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	1763
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		1764
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		1764
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		1764

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	<b>Other</b> <Othr>	[1..1]	Text		1764
	<b>Servicer</b> <Svcr>	[0..1]			1764
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	1765
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		1765
	<b>AccountTo</b> <AcctTo>	[0..1]			1765
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		1766
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		1767
	<b>AccountName</b> <AcctNm>	[0..1]	Text		1767
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			1768
	<b>Name</b> <Nm>	[1..1]	Text		1768
	<b>Address</b> <Adr>	[1..1]	±		1768
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1768
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			1769
{Or	<b>Card</b> <Card>	[1..1]	Text		1769
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1769
Or	<b>EMail</b> <EMail>	[1..1]	Text		1769
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	1769
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		1770
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		1770
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		1770
Or}	<b>Other</b> <Othr>	[1..1]	Text		1770
	<b>Servicer</b> <Svcr>	[0..1]			1770
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	1771
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		1771
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1771
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C6	1771
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			1772
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1772
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1772

## 21.3 Constraints

### C1 **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### C2 **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

### C3 **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C4 **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

### C5 **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

### C6 **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

### C7 **ValidationByTable**

Must be a valid terrestrial language.

### C8 **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

## 21.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 21.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Completion advice message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1668
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1669
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		1669
	<b>ReTransmissionCounter</b> <ReTrnsmssnCnt>	[0..1]	Text		1669
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1670
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1670
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1670
	<b>Traceability</b> <Tracblt>	[0..*]	±		1671

### 21.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.



CodeName	Name	Definition
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 21.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 21.4.1.3 ExchangelIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 21.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 21.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 21.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "GenericIdentification176" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 21.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

### 21.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "[Traceability8](#)" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

## 21.4.2 TransactionAdvice <TxAdvc>

*Presence:* [1..1]

*Definition:* Information related to the outcome of the transaction.

**TransactionAdvice <TxAdvc>** contains the following **AcceptorCompletionAdvice9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]			1680
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1685
	<b>Merchant</b> <Mrchnt>	[0..1]			1685
	<b>Identification</b> <Id>	[0..1]	±		1685
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1686
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1686
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1686
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1687
	<b>POI</b> <POI>	[0..1]			1687
	<b>Identification</b> <Id>	[1..1]	±		1687
	<b>SystemName</b> <SysNm>	[0..1]	Text		1688
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1688
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1688
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1689
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1689
	<b>Component</b> <Cmpnt>	[0..*]	±		1690
	<b>Card</b> <Card>	[0..1]			1692
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1693
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1693
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1693
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1694
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1694
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1694
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1694
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1694
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1695
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1695
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1695
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1695
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1695
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1695

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1696
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1696
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1696
	<b>Wallet</b> <Wlt>	[0..1]	±		1696
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1696
	<b>Cardholder</b> <Crhdldr>	[0..1]			1697
	<b>Identification</b> <Id>	[0..1]			1701
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1701
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1701
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1702
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1702
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1702
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1702
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1702
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1702
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1702
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1702
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1703
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1703
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1703
	<b>Department</b> <Dept>	[0..1]	Text		1703
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1703
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1703
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1703
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1704
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1704
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1704
	<b>Other</b> <Othr>	[0..*]	±		1704
	<b>Name</b> <Nm>	[0..1]	Text		1704
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	1704
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1705

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1705
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1706
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1706
	<b>Authentication</b> <Authntcn>	[0..*]			1707
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1709
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1710
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1711
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1711
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1711
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1711
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1712
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1712
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			1712
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1713
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1713
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1713
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1714
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1714
	<b>SocialSecurityNumber</b> <ScIScyNb>	[0..1]	Text		1714
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1714
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1714
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1714
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1714
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1714
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1715
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1715
	<b>Department</b> <Dept>	[0..1]	Text		1715
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1715
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1715
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1715
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1715

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1716
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1716
	<b>Other</b> <Othr>	[0..*]	±		1716
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1716
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1716
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1717
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1717
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1717
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1717
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1717
	<b>Identification</b> <Id>	[1..1]	Text		1718
	<b>Value</b> <Val>	[0..1]	Binary		1718
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1718
	<b>Type</b> <Tp>	[0..1]	Text		1718
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1718
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1719
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1720
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1720
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1720
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1721
	<b>MobileData</b> <MobData>	[0..*]			1721
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1721
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1721
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1722
	<b>Geolocation</b> <Glctn>	[0..1]			1722
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1722
	<b>Latitude</b> <Lat>	[1..1]	Text		1722
	<b>Longitude</b> <Long>	[1..1]	Text		1722
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1723
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1723
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1723

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMNorthward</b> <UTMNrthwrd>	[1..1]	Text		1723
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1723
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1724
	<b>IMSI</b> <IMSI>	[0..1]	Text		1724
	<b>IMEI</b> <IMEI>	[0..1]	Text		1724
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1724
	<b>ProtectedCardholderData</b> <PrtctdCrhdldrData>	[0..1]	±		1724
	<b>Context</b> <Cntxt>	[0..1]	±		1725
	<b>Transaction</b> <Tx>	[1..1]			1728
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1733
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		1733
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1734
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1734
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1735
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1735
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		1735
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1735
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1735
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1735
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1736
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		1736
	<b>TransactionSuccess</b> <TxSucss>	[1..1]	Indicator		1737
	<b>Reversal</b> <Rvsl>	[0..1]	Indicator		1737
	<b>MerchantOverride</b> <MrchntOvrdd>	[0..1]	Indicator		1737
	<b>FailureReason</b> <FailrRsn>	[0..*]	CodeSet		1737
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1738
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1738
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1738
	<b>InterchangeData</b> <IntrchnngData>	[0..1]	Text		1738
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1738
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1740



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1741
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1741
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1741
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1741
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1742
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1742
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1742
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1742
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1742
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		1743
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1743
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1744
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1746
	<b>Conversion</b> <Convs>	[0..1]			1746
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1747
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1748
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1748
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1748
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1748
	<b>Name</b> <Nm>	[0..1]	Text		1748
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		1748
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1749
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1749
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1749
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1749
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1749
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1749
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1750
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1750
	<b>Name</b> <Nm>	[0..1]	Text		1750
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1750

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1750
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1750
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1751
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1751
	<b>Amount</b> <Amt>	[1..1]	Amount		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1751
	<b>Rate</b> <Rate>	[1..1]	Rate		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1752
	<b>Instalment</b> <Instlmt>	[0..1]	±		1752
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1753
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1753
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1754
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1754
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1754
	<b>Identification</b> <Id>	[1..1]	Text		1755
	<b>Value</b> <Val>	[0..1]	Binary		1755
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1755
	<b>Type</b> <Tp>	[0..1]	Text		1755
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1755
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1756
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1756
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1756
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1757
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1757
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1757
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1757
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1757
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1757
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1758

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1759
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1759
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1759
	<b>AccountFrom</b> <AcctFr>	[0..1]			1759
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		1760
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		1761
	<b>AccountName</b> <AcctNm>	[0..1]	Text		1761
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			1762
	<b>Name</b> <Nm>	[1..1]	Text		1762
	<b>Address</b> <Adr>	[1..1]	±		1762
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1762
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			1763
{Or	<b>Card</b> <Card>	[1..1]	Text		1763
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1763
Or	<b>EMail</b> <EMail>	[1..1]	Text		1763
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	1763
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		1764
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		1764
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		1764
Or}	<b>Other</b> <Othr>	[1..1]	Text		1764
	<b>Servicer</b> <Svcr>	[0..1]			1764
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	1765
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		1765
	<b>AccountTo</b> <AcctTo>	[0..1]			1765
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		1766
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		1767
	<b>AccountName</b> <AcctNm>	[0..1]	Text		1767
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			1768
	<b>Name</b> <Nm>	[1..1]	Text		1768
	<b>Address</b> <Adr>	[1..1]	±		1768
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1768

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			1769
{Or	<b>Card</b> <Card>	[1..1]	Text		1769
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1769
Or	<b>EMail</b> <EMail>	[1..1]	Text		1769
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	1769
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		1770
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		1770
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		1770
Or}	<b>Other</b> <Othr>	[1..1]	Text		1770
	<b>Servicer</b> <Svcr>	[0..1]			1770
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	1771
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		1771
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1771
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C6	1771

#### 21.4.2.1 Environment <Env>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1685
	<b>Merchant</b> <Mrchnt>	[0..1]			1685
	<b>Identification</b> <Id>	[0..1]	±		1685
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1686
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1686
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1686
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1687
	<b>POI</b> <POI>	[0..1]			1687
	<b>Identification</b> <Id>	[1..1]	±		1687
	<b>SystemName</b> <SysNm>	[0..1]	Text		1688
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1688
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1688
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1689
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1689
	<b>Component</b> <Cmpnt>	[0..*]	±		1690
	<b>Card</b> <Card>	[0..1]			1692
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1693
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1693
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1693
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1694
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1694
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1694
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1694
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1694
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1695
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1695
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1695
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1695
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1695
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1695
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1696

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1696
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1696
	<b>Wallet</b> <Wlt>	[0..1]	±		1696
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1696
	<b>Cardholder</b> <Crhdldr>	[0..1]			1697
	<b>Identification</b> <Id>	[0..1]			1701
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1701
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1701
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1702
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1702
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1702
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1702
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1702
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1702
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1702
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1702
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1703
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1703
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1703
	<b>Department</b> <Dept>	[0..1]	Text		1703
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1703
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1703
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1703
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1704
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1704
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1704
	<b>Other</b> <Othr>	[0..*]	±		1704
	<b>Name</b> <Nm>	[0..1]	Text		1704
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	1704
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1705
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1705

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1706
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1706
	<b>Authentication</b> <Authntcn>	[0..*]			1707
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1709
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1710
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1711
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1711
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1711
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1711
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1712
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1712
	<b>CardholderIdentification</b> <Crdhldrld>	[0..1]			1712
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1713
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1713
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1713
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1714
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1714
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		1714
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1714
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1714
	<b>TaxIdentificationNumber</b> <TaxldNb>	[0..1]	Text		1714
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1714
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1714
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1715
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1715
	<b>Department</b> <Dept>	[0..1]	Text		1715
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1715
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1715
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1715
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1715
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1716

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1716
	<b>Other</b> <Othr>	[0..*]	±		1716
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1716
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1716
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1717
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1717
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1717
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1717
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1717
	<b>Identification</b> <Id>	[1..1]	Text		1718
	<b>Value</b> <Val>	[0..1]	Binary		1718
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1718
	<b>Type</b> <Tp>	[0..1]	Text		1718
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1718
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1719
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1720
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1720
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1720
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1721
	<b>MobileData</b> <MobData>	[0..*]			1721
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1721
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1721
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1722
	<b>Geolocation</b> <Glctn>	[0..1]			1722
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1722
	<b>Latitude</b> <Lat>	[1..1]	Text		1722
	<b>Longitude</b> <Long>	[1..1]	Text		1722
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1723
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1723
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1723
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1723



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1723
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1724
	<b>IMSI</b> <IMSI>	[0..1]	Text		1724
	<b>IMEI</b> <IMEI>	[0..1]	Text		1724
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1724
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1724

#### 21.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 21.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1685
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1686
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1686
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1686
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1687

##### 21.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 21.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 21.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 21.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 21.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 21.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1687
	<b>SystemName</b> <SysNm>	[0..1]	Text		1688
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1688
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		1688
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1689
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1689
	<b>Component</b> <Cmpnt>	[0..*]	±		1690

##### 21.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 21.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 21.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 21.4.2.1.3.4 Capabilities <Cpbilities>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrpLngth>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 21.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 21.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 21.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 21.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.



**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1693
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1693
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1693
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1694
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1694
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1694
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1694
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1694
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1695
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1695
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1695
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1695
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1695
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1695
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1696
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1696

#### 21.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 21.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 21.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 21.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 21.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 21.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 21.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 21.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 21.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 21.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 21.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 21.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 21.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 21.4.2.1.6 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 21.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 21.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <CrdHldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1701
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1701
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1701
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1702
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1702
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1702
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1702
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1702
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1702
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1702
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1702
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1703
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1703
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1703
	<b>Department</b> <Dept>	[0..1]	Text		1703
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1703
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1703
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1703
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1704
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1704
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1704
	<b>Other</b> <Othr>	[0..*]	±		1704
	<b>Name</b> <Nm>	[0..1]	Text		1704
	<b>Language</b> <Lang>	[0..1]	CodeSet	C7	1704
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1705
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1705
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1706
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1706
	<b>Authentication</b> <Authntcn>	[0..*]			1707
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1709
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1710

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1711
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1711
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1711
	<b>EncryptedPINBlock</b> <NcrptdPINBick>	[1..1]	±		1711
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1712
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1712
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1712
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1713
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1713
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1713
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1714
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1714
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1714
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1714
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1714
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1714
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1714
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1714
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1715
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1715
	<b>Department</b> <Dept>	[0..1]	Text		1715
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1715
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1715
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1715
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1715
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1716
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1716
	<b>Other</b> <Othr>	[0..*]	±		1716
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1716
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1716
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1717

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1717
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1717
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1717
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1717
	<b>Identification</b> <Id>	[1..1]	Text		1718
	<b>Value</b> <Val>	[0..1]	Binary		1718
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1718
	<b>Type</b> <Tp>	[0..1]	Text		1718
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1718
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1719
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1720
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1720
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1720
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1721
	<b>MobileData</b> <MobData>	[0..*]			1721
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1721
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1721
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1722
	<b>Geolocation</b> <Glctn>	[0..1]			1722
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1722
	<b>Latitude</b> <Lat>	[1..1]	Text		1722
	<b>Longitude</b> <Long>	[1..1]	Text		1722
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1723
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1723
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1723
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1723
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1723
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1724
	<b>IMSI</b> <IMSI>	[0..1]	Text		1724
	<b>IMEI</b> <IMEI>	[0..1]	Text		1724
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1724



#### 21.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1701
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1701
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1702
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1702
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1702
	<b>SocialSecurityNumber</b> <ScIscItyNb>	[0..1]	Text		1702
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1702
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1702
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1702
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1702
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1703
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1703
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1703
	<b>Department</b> <Dept>	[0..1]	Text		1703
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1703
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1703
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1703
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1704
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1704
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1704
	<b>Other</b> <Othr>	[0..*]	±		1704

##### 21.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 21.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.1.6 SocialSecurityNumber <ScIStcYNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 21.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1703
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1704
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1704
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1704

##### 21.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 21.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 21.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 21.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 21.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C7 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 21.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 21.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 21.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 21.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1709
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1710
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1711
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1711
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1711
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1711
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1712
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1712
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			1712
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1713
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1713
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1713
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1714
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1714
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1714
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1714
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1714
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1714
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1714
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1714
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1715
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1715
	<b>Department</b> <Dept>	[0..1]	Text		1715
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1715
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1715
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1715
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1715
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1716
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1716
	<b>Other</b> <Othr>	[0..*]	±		1716
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1716



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1716
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1717
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1717
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1717
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1717
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1717
	<b>Identification</b> <Id>	[1..1]	Text		1718
	<b>Value</b> <Val>	[0..1]	Binary		1718
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1718
	<b>Type</b> <Tp>	[0..1]	Text		1718

#### 21.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 21.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 21.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 21.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 21.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1711
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1712
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1712

##### 21.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 21.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 21.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1713
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1713
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1713
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1714
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1714
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		1714
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1714
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1714
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1714
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1714
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1714
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1715
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1715
	<b>Department</b> <Dept>	[0..1]	Text		1715
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1715
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1715
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1715
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1715
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1716
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1716
	<b>Other</b> <Othr>	[0..*]	±		1716

#### 21.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 21.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1715
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1715
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1716
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C3	1716

##### 21.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 21.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C3 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 21.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 21.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1716
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1717

#### 21.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427



#### 21.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 21.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 21.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1718
	<b>Value</b> <Val>	[0..1]	Binary		1718
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1718
	<b>Type</b> <Tp>	[0..1]	Text		1718

#### 21.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 21.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 21.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 21.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 21.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRsIt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1719
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1720
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1720
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1720

#### 21.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 21.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 21.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 21.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 21.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 21.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1721
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1721
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1722
	<b>Geolocation</b> <Glctn>	[0..1]			1722
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1722
	<b>Latitude</b> <Lat>	[1..1]	Text		1722
	<b>Longitude</b> <Long>	[1..1]	Text		1722
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1723
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1723
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1723
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1723
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1723
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1724
	<b>IMSI</b> <IMSI>	[0..1]	Text		1724
	<b>IMEI</b> <IMEI>	[0..1]	Text		1724
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1724

##### 21.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 21.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 21.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1722
	<b>Latitude</b> <Lat>	[1..1]	Text		1722
	<b>Longitude</b> <Long>	[1..1]	Text		1722
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1723
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1723
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1723
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1723

#### 21.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1722
	<b>Longitude</b> <Long>	[1..1]	Text		1722

#### 21.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1723
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1723
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1723

##### 21.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 21.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 21.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 21.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1724
	<b>IMSI</b> <IMSI>	[0..1]	Text		1724
	<b>IMEI</b> <IMEI>	[0..1]	Text		1724

#### 21.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 21.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 21.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 21.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 21.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.



**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 21.4.2.2 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context in which the transaction is performed (payment and sale).

**Context <Cntxt>** contains the following elements (see "CardPaymentContext28" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			2283
	CardPresent <CardPres>	[0..1]	Indicator		2283
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		2283
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2283
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2284
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2284
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2284
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2285
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		2286
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		2286
	SaleContext <SaleCntxt>	[0..1]			2286
	SaleIdentification <SaleId>	[0..1]	Text		2287
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2287
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2288
	CashierIdentification <CshrId>	[0..1]	Text		2288
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	2288
	ShiftNumber <ShftNb>	[0..1]	Text		2288
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		2288
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		2288
	InvoiceNumber <InvcNb>	[0..1]	Text		2288
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2289
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2289
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		2289
	SplitPayment <Spltpmt>	[0..1]	Indicator		2290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		2290
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2290
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2290
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2290
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2291
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2291
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2291
	DebtorIdentification <DbtrId>	[0..1]			2292
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296
	CreditorIdentification <CdtrId>	[1..1]			2296
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2298
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		2299

### 21.4.2.3 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Card payment transaction between an acceptor and an acquirer.

**Transaction <Tx>** contains the following **CardPaymentTransaction99** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1733
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		1733
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1734
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1734
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1735
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1735
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..*]	Indicator		1735
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1735
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1735
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1735
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1736
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		1736
	<b>TransactionSuccess</b> <TxSucss>	[1..1]	Indicator		1737
	<b>Reversal</b> <Rvsl>	[0..1]	Indicator		1737
	<b>MerchantOverride</b> <MrchntOvrrd>	[0..1]	Indicator		1737
	<b>FailureReason</b> <FailrRsn>	[0..*]	CodeSet		1737
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1738
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1738
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1738
	<b>InterchangeData</b> <IntrchgData>	[0..1]	Text		1738
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1738
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1740
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1741
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1741
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1741
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1741
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1742
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1742
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		1742
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1742
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1742

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UnattendedLevelCategory</b> <UattnddLvlCtgy>	[0..1]	Text		1743
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1743
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1744
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1746
	<b>Conversion</b> <Convs>	[0..1]			1746
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1747
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1748
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1748
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1748
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1748
	<b>Name</b> <Nm>	[0..1]	Text		1748
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		1748
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1749
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1749
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1749
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1749
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1749
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1749
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1750
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1750
	<b>Name</b> <Nm>	[0..1]	Text		1750
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1750
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1750
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1750
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1751
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1751
	<b>Amount</b> <Amt>	[1..1]	Amount		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1751
	<b>Rate</b> <Rate>	[1..1]	Rate		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1752
	<b>Instalment</b> <Instlmt>	[0..1]	±		1752
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1753
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1753
	<b>SaleItem</b> <SaleItm>	[0..*]	±		1754
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1754
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1754
	<b>Identification</b> <Id>	[1..1]	Text		1755
	<b>Value</b> <Val>	[0..1]	Binary		1755
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1755
	<b>Type</b> <Tp>	[0..1]	Text		1755
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		1755
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1756
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1756
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1756
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1757
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1757
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1757
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1757
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1757
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1757
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1758
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1759
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1759
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1759
	<b>AccountFrom</b> <AcctFr>	[0..1]			1759
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		1760
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		1761
	<b>AccountName</b> <AcctNm>	[0..1]	Text		1761
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			1762
	<b>Name</b> <Nm>	[1..1]	Text		1762

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Address</b> <Adr>	[1..1]	±		1762
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1762
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			1763
{Or	<b>Card</b> <Card>	[1..1]	Text		1763
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1763
Or	<b>EMail</b> <EMail>	[1..1]	Text		1763
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	1763
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		1764
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		1764
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		1764
Or}	<b>Other</b> <Othr>	[1..1]	Text		1764
	<b>Servicer</b> <Svcr>	[0..1]			1764
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	1765
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		1765
	<b>AccountTo</b> <AcctTo>	[0..1]			1765
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		1766
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		1767
	<b>AccountName</b> <AcctNm>	[0..1]	Text		1767
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			1768
	<b>Name</b> <Nm>	[1..1]	Text		1768
	<b>Address</b> <Adr>	[1..1]	±		1768
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1768
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			1769
{Or	<b>Card</b> <Card>	[1..1]	Text		1769
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1769
Or	<b>EMail</b> <EMail>	[1..1]	Text		1769
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	1769
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		1770
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		1770
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		1770
Or}	<b>Other</b> <Othr>	[1..1]	Text		1770



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Servicer</b> <Svcr>	[0..1]			1770
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	1771
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		1771
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1771

#### 21.4.2.3.1 TransactionCapture <TxCaptr>

*Presence:* [0..1]

*Definition:* Flag indicating whether the transaction data must be captured or not in addition to the message process.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 21.4.2.3.2 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Type of transaction being undertaken for the main service.

*Datatype:* "CardPaymentServiceType12Code" on page 2394

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.

CodeName	Name	Definition
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

#### 21.4.2.3.3 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2396

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

#### 21.4.2.3.4 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType3Code" on page 2395

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.

CodeName	Name	Definition
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.

#### 21.4.2.3.5 LastTransactionFlag <LastTxFlg>

*Presence:* [0..1]

*Definition:* Flag indicating processing of the last transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 21.4.2.3.6 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [0..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* ["Min3Max4Text" on page 2429](#)

#### 21.4.2.3.7 CustomerConsent <CstmrCnsnt>

*Presence:* [0..\*]

*Definition:* This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 21.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

*Presence:* [0..\*]

*Definition:* The card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

*Datatype:* ["Max35Text" on page 2426](#)

#### 21.4.2.3.9 CardProgrammeApplied <CardPrgrmmApld>

*Presence:* [0..1]

*Definition:* The card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

*Datatype:* ["Max35Text" on page 2426](#)

#### 21.4.2.3.10 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.3.11 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 21.4.2.3.12 OriginalTransaction <OrgnITx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnITx>** contains the following elements (see "CardPaymentTransaction101" on page 1883 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1884
	TransactionIdentification <TxId>	[1..1]	±		1884
	POIIdentification <POIID>	[0..1]	±		1884
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1885
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1885
	TransactionType <TxTp>	[1..1]	CodeSet		1885
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1886
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1886
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1887
	TransactionResult <TxRslt>	[0..1]			1887
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1888
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1888
	Response <Rspn>	[1..1]	CodeSet		1888
	ResponseReason <RspnRsn>	[0..1]	Text		1889
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1889
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1889

#### 21.4.2.3.13 TransactionSuccess <TxSucss>

*Presence:* [1..1]

*Definition:* Outcome of the transaction at the acceptor.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 21.4.2.3.14 Reversal <Rvsl>

*Presence:* [0..1]

*Definition:* Notify that a previous transaction has to be reversed if this original transaction has been approved by the acquirer.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 21.4.2.3.15 MerchantOverride <MrchntOvrdd>

*Presence:* [0..1]

*Definition:* Indicate that the acceptor has forced the transaction in spite of the authorisation result (online or offline), or incident to complete the transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 21.4.2.3.16 FailureReason <FailrRsn>

*Presence:* [0..\*]

*Definition:* List of incidents during the transaction.

*Datatype:* ["FailureReason3Code" on page 2401](#)

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.

CodeName	Name	Definition
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

#### 21.4.2.3.17 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.3.18 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 21.4.2.3.19 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.3.20 InterchangeData <IntrchgngData>

*Presence:* [0..1]

*Definition:* Interchange information related to the card scheme.

*Datatype:* "Max140Text" on page 2424

#### 21.4.2.3.21 TransactionDetails <TxDtls>

*Presence:* [1..1]

*Definition:* Details of the transaction.

**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1740
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1741
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1741
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1741
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1741
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1742
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1742
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1742
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1742
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1742
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		1743
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1743
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1744
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1746
	<b>Conversion</b> <Convs>	[0..1]			1746
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1747
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1748
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1748
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1748
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1748
	<b>Name</b> <Nm>	[0..1]	Text		1748
	<b>ResultingAmount</b> <RsltgAmt>	[1..1]	Amount		1748
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1749
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1749
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1749
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1749
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1749
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1749
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1750
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1750
	<b>Name</b> <Nm>	[0..1]	Text		1750

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1750
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1750
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1750
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1751
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1751
	<b>Amount</b> <Amt>	[1..1]	Amount		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1751
	<b>Rate</b> <Rate>	[1..1]	Rate		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1752
	<b>Instalment</b> <Instlmt>	[0..1]	±		1752
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1753
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1753
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1754
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		1754
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1754
	<b>Identification</b> <Id>	[1..1]	Text		1755
	<b>Value</b> <Val>	[0..1]	Binary		1755
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1755
	<b>Type</b> <Tp>	[0..1]	Text		1755
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1755

#### 21.4.2.3.21.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217



Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 21.4.2.3.21.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 21.4.2.3.21.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

*Definition:* Contains the updated amount of all authorisations related to the same business transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 21.4.2.3.21.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2416

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

#### 21.4.2.3.21.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

*Definition:* Detailed amounts associated with the total amount of transaction.

**DetailedAmount <DtldAmt>** contains the following elements (see "DetailedAmount15" on page 1841 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1841
	CashBack <CshBck>	[0..1]	Amount		1841
	Gratuity <Grtty>	[0..1]	Amount		1842
	Fees <Fees>	[0..*]	±		1842
	Rebate <Rbt>	[0..*]	±		1842
	ValueAddedTax <ValAddedTax>	[0..*]	±		1842
	Surcharge <Srchr>	[0..*]	±		1842

#### 21.4.2.3.21.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 21.4.2.3.21.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 21.4.2.3.21.8 InvoiceAmount <InvcAmt>

*Presence:* [0..1]

*Definition:* Amount of the transaction that will be invoiced to the cardholder.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 21.4.2.3.21.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 21.4.2.3.21.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason1Code" on page 2407

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.

CodeName	Name	Definition
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.

#### 21.4.2.3.21.11 UnattendedLevelCategory <UattnddLvlCtgy>

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended POI (Point Of Interaction).

*Datatype:* "Max35NumericText" on page 2426

#### 21.4.2.3.21.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.

CodeName	Name	Definition
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 21.4.2.3.21.13 CurrencyConversionResult <CcyConvRsIt>

*Presence:* [0..1]

*Definition:* Result of the currency conversion proposed to the cardholder.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1746
	<b>Conversion</b> <Convs>	[0..1]			1746
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1747
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1748
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1748
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1748
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1748
	<b>Name</b> <Nm>	[0..1]	Text		1748
	<b>ResultingAmount</b> <RsltgtAmt>	[1..1]	Amount		1748
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1749
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1749
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1749
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1749
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1749
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1749
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1750
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1750
	<b>Name</b> <Nm>	[0..1]	Text		1750
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1750
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1750
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1750
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1751
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1751
	<b>Amount</b> <Amt>	[1..1]	Amount		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1751
	<b>Rate</b> <Rate>	[1..1]	Rate		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1752

---

#### **21.4.2.3.21.13.1 AcceptedByCardholder <AcptdByCrdhldr>**

*Presence:* [0..1]

*Definition:* True if the cardholder has accepted the currency conversion that the acquirer has proposed.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **21.4.2.3.21.13.2 Conversion <Convs>**

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

**Conversion <Convs>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1747
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1748
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1748
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1748
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1748
	<b>Name</b> <Nm>	[0..1]	Text		1748
	<b>ResultingAmount</b> <RsltAmt>	[1..1]	Amount		1748
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1749
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1749
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1749
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1749
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1749
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1749
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1750
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1750
	<b>Name</b> <Nm>	[0..1]	Text		1750
	<b>OriginalAmount</b> <OrgnlAmt>	[1..1]			1750
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1750
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1750
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1751
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1751
	<b>Amount</b> <Amt>	[1..1]	Amount		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1751
	<b>Rate</b> <Rate>	[1..1]	Rate		1751
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1751
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1752

#### 21.4.2.3.21.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.3.21.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1748
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1748
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1748
	<b>Name</b> <Nm>	[0..1]	Text		1748

##### 21.4.2.3.21.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

##### 21.4.2.3.21.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

##### 21.4.2.3.21.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

##### 21.4.2.3.21.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

##### 21.4.2.3.21.13.2.3 ResultingAmount <RsltAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.



*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 21.4.2.3.21.13.2.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 21.4.2.3.21.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 21.4.2.3.21.13.2.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 21.4.2.3.21.13.2.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 21.4.2.3.21.13.2.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1749
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1750
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1750
	<b>Name</b> <Nm>	[0..1]	Text		1750

##### 21.4.2.3.21.13.2.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 21.4.2.3.21.13.2.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 21.4.2.3.21.13.2.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 21.4.2.3.21.13.2.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.3.21.13.2.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount &lt;ActlAmt&gt;</b>	[0..1]	Amount		1750
	<b>MinimumAmount &lt;MinAmt&gt;</b>	[0..1]	Amount		1750
	<b>MaximumAmount &lt;MaxAmt&gt;</b>	[0..1]	Amount		1751

##### 21.4.2.3.21.13.2.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 21.4.2.3.21.13.2.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 21.4.2.3.21.13.2.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 21.4.2.3.21.13.2.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount &lt;Amt&gt;</b>	[1..1]	Amount		1751
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		1751

##### 21.4.2.3.21.13.2.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 21.4.2.3.21.13.2.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

#### 21.4.2.3.21.13.2.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate &lt;Rate&gt;</b>	[1..1]	Rate		1751
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..1]	Text		1751

##### 21.4.2.3.21.13.2.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

##### 21.4.2.3.21.13.2.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

#### 21.4.2.3.21.13.2.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

#### 21.4.2.3.21.14 Instalment <Instlmt>

*Presence:* [0..1]

*Definition:* Data related to a financial loan (instalment) or to a recurring transaction.

**Instalment <Instlmt>** contains the following elements (see "[RecurringTransaction2](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2317
	PlanIdentification <PlanId>	[0..1]	Text		2317
	SequenceNumber <SeqNb>	[0..1]	Quantity		2317
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2317
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2318
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2318
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2318
	TotalAmount <TtlAmt>	[0..1]	Amount	C8	2318
	FirstAmount <FrstAmt>	[0..1]	Amount		2318
	Charges <Chrgs>	[0..1]	Amount		2319

#### 21.4.2.3.21.15 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see "[AggregationTransaction3](#)" on page 2278 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2278
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2278
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2279
	IndividualPayment <IndvPmt>	[0..*]			2279
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Labl>	[0..1]	Text		2280

#### 21.4.2.3.21.16 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2424

#### 21.4.2.3.21.17 SaleItem <SaleItm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2304
	ProductCode <PdctCd>	[1..1]	Text		2304
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2304
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2305
	ProductQuantity <PdctQty>	[0..1]	Quantity		2306
	UnitPrice <UnitPric>	[0..1]	Amount		2306
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2307
	ProductAmount <PdctAmt>	[1..1]	Amount		2307
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2307
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2307
	TaxType <TaxTp>	[0..1]	Text		2307
	ProductDescription <PdctDesc>	[0..1]	Text		2307
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2307
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2308
	SaleChannel <SaleChanl>	[0..1]	Text		2308
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2308

#### 21.4.2.3.21.18 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

*Definition:* Location of the delivery, for instance pump number or parking bay.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.3.21.19 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

**AdditionalInformation <AddtlInf>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1755
	<b>Value</b> <Val>	[0..1]	Binary		1755
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1755
	<b>Type</b> <Tp>	[0..1]	Text		1755

#### 21.4.2.3.21.19.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 21.4.2.3.21.19.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 21.4.2.3.21.19.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 21.4.2.3.21.19.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 21.4.2.3.21.20 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

#### 21.4.2.3.22 AuthorisationResult <AuthstnRsIt>

*Presence:* [0..1]

*Definition:* Outcome of the authorisation request.

**AuthorisationResult <AuthstnRsIt>** contains the following **AuthorisationResult11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1756
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1756
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1757
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1757
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1757
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1757

#### 21.4.2.3.22.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 2250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2250
	Type <Tp>	[1..1]	CodeSet		2250
	Issuer <Issr>	[0..1]	CodeSet		2250
	Country <Ctry>	[0..1]	Text		2251
	ShortName <ShrtNm>	[0..1]	Text		2251

#### 21.4.2.3.22.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation request.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1757
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1757
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1757



#### 21.4.2.3.22.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response4Code" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

#### 21.4.2.3.22.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

#### 21.4.2.3.22.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

#### 21.4.2.3.22.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Min6Max8Text" on page 2429

#### 21.4.2.3.23 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of the performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRslt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1757
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1758
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1759
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1759

#### 21.4.2.3.23.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 21.4.2.3.23.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.

CodeName	Name	Definition
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 21.4.2.3.23.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 21.4.2.3.23.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 21.4.2.3.24 MerchantReferenceData <MrchntRefData>

*Presence:* [0..1]

*Definition:* Merchant information that must be returned unchanged in the response.

*Datatype:* "Max70Text" on page 2427

#### 21.4.2.3.25 AccountFrom <AcctFr>

*Presence:* [0..1]

*Definition:* Information relevant to the account where the money is taken from.

**AccountFrom** <AcctFr> contains the following **CardAccount15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		1760
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		1761
	<b>AccountName</b> <AcctNm>	[0..1]	Text		1761
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			1762
	<b>Name</b> <Nm>	[1..1]	Text		1762
	<b>Address</b> <Adr>	[1..1]	±		1762
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1762
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			1763
{Or	<b>Card</b> <Card>	[1..1]	Text		1763
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1763
Or	<b>EMail</b> <EMail>	[1..1]	Text		1763
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	1763
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		1764
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		1764
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		1764
Or}	<b>Other</b> <Othr>	[1..1]	Text		1764
	<b>Servicer</b> <Svcr>	[0..1]			1764
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	1765
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		1765

#### 21.4.2.3.25.1 SelectionMethod <SelctnMtd>

*Presence:* [0..1]

*Definition:* Method used by the cardholder and the terminal for the choice of the account.

*Datatype:* "AccountChoiceMethod1Code" on page 2378

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

#### 21.4.2.3.25.2 SelectedAccountType <SelctdAcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 21.4.2.3.25.3 AccountName <AcctNm>

*Presence:* [0..1]

*Definition:* Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

*Usage:* The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

*Datatype:* "Max70Text" on page 2427

#### 21.4.2.3.25.4 AccountOwner <AcctOwnr>

*Presence:* [0..1]

*Definition:* Party that legally owns the account.

**AccountOwner <AcctOwnr>** contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[1..1]	Text		1762
	<b>Address</b> <Adr>	[1..1]	±		1762

##### 21.4.2.3.25.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and is usually used to identify that identity.

*Datatype:* "Max70Text" on page 2427

##### 21.4.2.3.25.4.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Postal address of a party.

**Address <Adr>** contains the following elements (see "PostalAddress1" on page 2322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2323
	AddressLine <AdrLine>	[0..5]	Text		2323
	StreetName <StrtNm>	[0..1]	Text		2323
	BuildingNumber <BldgNb>	[0..1]	Text		2323
	PostCode <PstCd>	[0..1]	Text		2324
	TownName <TwnNm>	[0..1]	Text		2324
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2324
	Country <Ctry>	[1..1]	CodeSet	C1	2324

##### 21.4.2.3.25.5 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Identification of the currency in which the account is held.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 21.4.2.3.25.6 AccountIdentifier <AcctIdr>

*Presence:* [0..1]

*Definition:* Unique identifier of the account, as assigned by the account servicer.

**AccountIdentifier <AcctIdr>** contains one of the following **AccountIdentification39Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>Card</b> <Card>	[1..1]	Text		1763
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1763
Or	<b>EEmail</b> <EEmail>	[1..1]	Text		1763
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	1763
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		1764
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		1764
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		1764
Or}	<b>Other</b> <Othr>	[1..1]	Text		1764

##### 21.4.2.3.25.6.1 Card <Card>

*Presence:* [1..1]

*Definition:* PAN of the card identifying the account.

*Datatype:* "Min8Max28NumericText" on page 2429

##### 21.4.2.3.25.6.2 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

*Datatype:* "Max16Text" on page 2425

##### 21.4.2.3.25.6.3 EEmail <EEmail>

*Presence:* [1..1]

*Definition:* E-mail identifying the account.

*Datatype:* "Max256Text" on page 2425

##### 21.4.2.3.25.6.4 IBAN <IBAN>

*Presence:* [1..1]

*Definition:* International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

*Impacted by:* C5 "IBAN"

*Datatype:* "IBANIdentifier" on page 2421

#### **Constraints**

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

#### **21.4.2.3.25.6.5 BBAN <BBAN>**

*Presence:* [1..1]

*Definition:* Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

*Datatype:* "BBANIdentifier" on page 2421

#### **21.4.2.3.25.6.6 UPIC <UPIC>**

*Presence:* [1..1]

*Definition:* Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Datatype:* "UPICIdentifier" on page 2422

#### **21.4.2.3.25.6.7 Domestic <Dmst>**

*Presence:* [1..1]

*Definition:* Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.3.25.6.8 Other <Othr>**

*Presence:* [1..1]

*Definition:* Other identifier.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.3.25.7 Servicer <Svcr>**

*Presence:* [0..1]

*Definition:* Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.



**Servicer <Svcr>** contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	1765
Or}	<b>ProprietaryIdentification</b> <Prtryld>	[1..1]	±		1765

#### 21.4.2.3.25.7.1 AnyBIC <AnyBIC>

*Presence:* [1..1]

*Definition:* Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

#### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

#### 21.4.2.3.25.7.2 ProprietaryIdentification <Prtryld>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <Prtryld>** contains the following elements (see "[GenericIdentification1](#)" on page 2242 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2243
	SchemeName <SchmeNm>	[0..1]	Text		2243
	Issuer <Issr>	[0..1]	Text		2243

#### 21.4.2.3.26 AccountTo <AcctTo>

*Presence:* [0..1]

*Definition:* Information relevant to the account where the money is put.

**AccountTo <AcctTo>** contains the following **CardAccount15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SelectionMethod</b> <SelctnMtd>	[0..1]	CodeSet		1766
	<b>SelectedAccountType</b> <SelctdAcctTp>	[0..1]	CodeSet		1767
	<b>AccountName</b> <AcctNm>	[0..1]	Text		1767
	<b>AccountOwner</b> <AcctOwnr>	[0..1]			1768
	<b>Name</b> <Nm>	[1..1]	Text		1768
	<b>Address</b> <Adr>	[1..1]	±		1768
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1768
	<b>AccountIdentifier</b> <AcctIdr>	[0..1]			1769
{Or	<b>Card</b> <Card>	[1..1]	Text		1769
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1769
Or	<b>EMail</b> <EMail>	[1..1]	Text		1769
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	1769
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		1770
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		1770
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		1770
Or}	<b>Other</b> <Othr>	[1..1]	Text		1770
	<b>Servicer</b> <Svcr>	[0..1]			1770
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	1771
Or}	<b>ProprietaryIdentification</b> <PrtryId>	[1..1]	±		1771

#### 21.4.2.3.26.1 SelectionMethod <SelctnMtd>

*Presence:* [0..1]

*Definition:* Method used by the cardholder and the terminal for the choice of the account.

*Datatype:* "AccountChoiceMethod1Code" on page 2378

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

#### 21.4.2.3.26.2 SelectedAccountType <SelctdAcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 21.4.2.3.26.3 AccountName <AcctNm>

*Presence:* [0..1]

*Definition:* Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

*Usage:* The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

*Datatype:* "Max70Text" on page 2427

#### 21.4.2.3.26.4 AccountOwner <AcctOwnr>

*Presence:* [0..1]

*Definition:* Party that legally owns the account.

**AccountOwner <AcctOwnr>** contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[1..1]	Text		1768
	<b>Address</b> <Adr>	[1..1]	±		1768

##### 21.4.2.3.26.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and is usually used to identify that identity.

*Datatype:* "Max70Text" on page 2427

##### 21.4.2.3.26.4.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Postal address of a party.

**Address <Adr>** contains the following elements (see "PostalAddress1" on page 2322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2323
	AddressLine <AdrLine>	[0..5]	Text		2323
	StreetName <StrtNm>	[0..1]	Text		2323
	BuildingNumber <BldgNb>	[0..1]	Text		2323
	PostCode <PstCd>	[0..1]	Text		2324
	TownName <TwnNm>	[0..1]	Text		2324
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2324
	Country <Ctry>	[1..1]	CodeSet	C1	2324

##### 21.4.2.3.26.5 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Identification of the currency in which the account is held.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 21.4.2.3.26.6 AccountIdentifier <AcctIdr>

*Presence:* [0..1]

*Definition:* Unique identifier of the account, as assigned by the account servicer.

**AccountIdentifier <AcctIdr>** contains one of the following **AccountIdentification39Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>Card</b> <Card>	[1..1]	Text		1769
Or	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1769
Or	<b>EEmail</b> <EEmail>	[1..1]	Text		1769
Or	<b>IBAN</b> <IBAN>	[1..1]	IdentifierSet	C5	1769
Or	<b>BBAN</b> <BBAN>	[1..1]	IdentifierSet		1770
Or	<b>UPIC</b> <UPIC>	[1..1]	IdentifierSet		1770
Or	<b>Domestic</b> <Dmst>	[1..1]	Text		1770
Or}	<b>Other</b> <Othr>	[1..1]	Text		1770

##### 21.4.2.3.26.6.1 Card <Card>

*Presence:* [1..1]

*Definition:* PAN of the card identifying the account.

*Datatype:* "Min8Max28NumericText" on page 2429

##### 21.4.2.3.26.6.2 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

*Datatype:* "Max16Text" on page 2425

##### 21.4.2.3.26.6.3 EEmail <EEmail>

*Presence:* [1..1]

*Definition:* E-mail identifying the account.

*Datatype:* "Max256Text" on page 2425

##### 21.4.2.3.26.6.4 IBAN <IBAN>

*Presence:* [1..1]

*Definition:* International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

*Impacted by:* C5 "IBAN"

*Datatype:* "IBANIdentifier" on page 2421

#### **Constraints**

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

#### **21.4.2.3.26.6.5 BBAN <BBAN>**

*Presence:* [1..1]

*Definition:* Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

*Datatype:* "BBANIdentifier" on page 2421

#### **21.4.2.3.26.6.6 UPIC <UPIC>**

*Presence:* [1..1]

*Definition:* Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Datatype:* "UPICIdentifier" on page 2422

#### **21.4.2.3.26.6.7 Domestic <Dmst>**

*Presence:* [1..1]

*Definition:* Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.3.26.6.8 Other <Othr>**

*Presence:* [1..1]

*Definition:* Other identifier.

*Datatype:* "Max35Text" on page 2426

#### **21.4.2.3.26.7 Servicer <Svcr>**

*Presence:* [0..1]

*Definition:* Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

**Servicer <Svcr>** contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>AnyBIC</b> <AnyBIC>	[1..1]	IdentifierSet	C2	1771
Or}	<b>ProprietaryIdentification</b> <Prtryld>	[1..1]	±		1771

#### 21.4.2.3.26.7.1 AnyBIC <AnyBIC>

*Presence:* [1..1]

*Definition:* Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

#### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

#### 21.4.2.3.26.7.2 ProprietaryIdentification <Prtryld>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <Prtryld>** contains the following elements (see "[GenericIdentification1](#)" on page 2242 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2243
	SchemeName <SchmeNm>	[0..1]	Text		2243
	Issuer <Issr>	[0..1]	Text		2243

#### 21.4.2.3.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2427

#### 21.4.2.4 SupplementaryData <SplmtryData>

*Presence:* [0..\*]

*Definition:* Additional information incorporated as an extension to the message.

*Impacted by:* C6 "SupplementaryDataRule"

**SupplementaryData <SplmtryData>** contains the following elements (see "[SupplementaryData1](#)" on page 2253 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2254
	Envelope <Envlp>	[1..1]	(External Schema)		2254

#### Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

## 21.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1772
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1772

### 21.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "[ContentType2Code](#)" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 21.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]



*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData** <AuthntcdData> contains the following elements (see "AuthenticatedData6" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

## **22       caaa.021.001.01**

# **TransactionAdviceResponseV01**

### **22.1    MessageDefinition Functionality**

The TransactionAdviceResponse message is sent by the POI to acknowledge the Acquirer (or its agent) about the notification of the transaction advice.

#### Outline

The TransactionAdviceResponseV01 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
  - Completion advice message management information.
- B. TransactionAdviceResponse
  - Information related to the transaction advice response.
- C. SecurityTrailer
  - Trailer of the message containing a MAC.

## 22.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <TxAdvRspn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]			1780
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1780
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1782
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		1782
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntr>	[0..1]	Text		1782
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1782
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1782
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1783
	<b>Traceability</b> <Tracblt>	[0..*]	±		1783
	<b>TransactionAdviceResponse</b> <TxAdvRspn>	[1..1]			1784
	<b>Environment</b> <Envt>	[1..1]			1789
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1794
	<b>Merchant</b> <Mrchnt>	[0..1]			1794
	<b>Identification</b> <Id>	[0..1]	±		1794
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1795
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1795
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1795
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1796
	<b>POI</b> <POI>	[0..1]			1796
	<b>Identification</b> <Id>	[1..1]	±		1796
	<b>SystemName</b> <SysNm>	[0..1]	Text		1797
	<b>GroupIdentification</b> <GrpId>	[0..1]	Text		1797
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1797
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1798
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1798
	<b>Component</b> <Cmpnt>	[0..*]	±		1799
	<b>Card</b> <Card>	[0..1]			1801
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1802
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1802

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1802
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1803
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1803
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1803
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1803
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1803
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1804
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1804
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1804
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1804
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1804
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1804
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1805
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1805
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1805
	<b>Wallet</b> <Wllt>	[0..1]	±		1805
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1805
	<b>Cardholder</b> <Crhdldr>	[0..1]			1806
	<b>Identification</b> <Id>	[0..1]			1810
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1810
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1810
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1811
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1811
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1811
	<b>SocialSecurityNumber</b> <ScIscyNb>	[0..1]	Text		1811
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1811
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1811
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1811
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1811
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1812
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1812

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1812
	<b>Department</b> <Dept>	[0..1]	Text		1812
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1812
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1812
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1812
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1813
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1813
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1813
	<b>Other</b> <Othr>	[0..*]	±		1813
	<b>Name</b> <Nm>	[0..1]	Text		1813
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1813
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1814
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1814
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1815
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1815
	<b>Authentication</b> <Authntcn>	[0..*]			1816
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1818
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1819
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1820
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1820
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1820
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1820
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1821
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1821
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1821
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1822
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1822
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1822
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1823
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1823
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1823

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlienRegistrationNumber</b> <AlnRegNb>	[0..1]	Text		1823
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1823
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1823
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1823
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1823
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1824
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1824
	<b>Department</b> <Dept>	[0..1]	Text		1824
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1824
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1824
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1824
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1824
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1825
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1825
	<b>Other</b> <Othr>	[0..*]	±		1825
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1825
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1825
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1826
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1826
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1826
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1826
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1826
	<b>Identification</b> <Id>	[1..1]	Text		1827
	<b>Value</b> <Val>	[0..1]	Binary		1827
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1827
	<b>Type</b> <Tp>	[0..1]	Text		1827
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1827
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1828
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1829
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1829
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1829

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1830
	<b>MobileData</b> <MobData>	[0..*]			1830
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1830
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1830
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1831
	<b>Geolocation</b> <Glctr>	[0..1]			1831
	<b>GeographicCoordinates</b> <GeogCordints>	[0..1]			1831
	<b>Latitude</b> <Lat>	[1..1]	Text		1831
	<b>Longitude</b> <Long>	[1..1]	Text		1831
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1832
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1832
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1832
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1832
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1832
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1833
	<b>IMSI</b> <IMSI>	[0..1]	Text		1833
	<b>IMEI</b> <IMEI>	[0..1]	Text		1833
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1833
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1833
	<b>Transaction</b> <Tx>	[1..1]			1834
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1834
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1834
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1834
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1835
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1835
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1835
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			1835
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		1835
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		1836
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		1836
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C2	1836

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]			1836
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1837
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1837

## 22.3 Constraints

### C1 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### C2 SupplementaryDataRule

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

### C3 ValidationByTable

Must be a valid terrestrial language.

## 22.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 22.4.1 Header <Hdr>

*Presence:* [1..1]

*Definition:* Completion advice message management information.

**Header <Hdr>** contains the following **Header58** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1780
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1782
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Quantity		1782
	<b>ReTransmissionCounter</b> <ReTrnsmssnCntnr>	[0..1]	Text		1782
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1782
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1782
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1783
	<b>Traceability</b> <Tracblt>	[0..*]	±		1783

#### 22.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]



*Definition:* Identifies the type of process related to the message.

*Datatype:* "MessageFunction41Code" on page 2405

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.

CodeName	Name	Definition
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

#### 22.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2427

#### 22.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Number" on page 2423

#### 22.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmissions of the message.

*Datatype:* "Max3NumericText" on page 2426

#### 22.4.1.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

*Definition:* Date and time at which the message was created.

*Datatype:* "ISODateTime" on page 2420

#### 22.4.1.6 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Unique identification of the partner that has initiated the exchange.

**InitiatingParty <InitgPty>** contains the following elements (see "[GenericIdentification176](#)" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

### 22.4.1.7 RecipientParty <RcptPty>

*Presence:* [0..1]

*Definition:* Unique identification of the partner that is the recipient of the message exchange.

**RecipientParty <RcptPty>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctr>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

### 22.4.1.8 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "Traceability8" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

## 22.4.2 TransactionAdviceResponse <TxAdvcRspn>

*Presence:* [1..1]

*Definition:* Information related to the transaction advice response.

**TransactionAdviceResponse <TxAdvcRspn>** contains the following  
**AcceptorCompletionAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]			1789
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1794
	<b>Merchant</b> <Mrchnt>	[0..1]			1794
	<b>Identification</b> <Id>	[0..1]	±		1794
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1795
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1795
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1795
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1796
	<b>POI</b> <POI>	[0..1]			1796
	<b>Identification</b> <Id>	[1..1]	±		1796
	<b>SystemName</b> <SysNm>	[0..1]	Text		1797
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1797
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1797
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1798
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1798
	<b>Component</b> <Cmpnt>	[0..*]	±		1799
	<b>Card</b> <Card>	[0..1]			1801
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1802
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1802
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1802
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1803
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1803
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1803
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1803
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1803
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1804
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1804
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1804
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1804
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1804

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1804
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1805
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1805
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1805
	<b>Wallet</b> <Wlt>	[0..1]	±		1805
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1805
	<b>Cardholder</b> <Crhdldr>	[0..1]			1806
	<b>Identification</b> <Id>	[0..1]			1810
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1810
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1810
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1811
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1811
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1811
	<b>SocialSecurityNumber</b> <SclSctyNb>	[0..1]	Text		1811
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1811
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1811
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1811
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1811
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1812
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1812
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1812
	<b>Department</b> <Dept>	[0..1]	Text		1812
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1812
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1812
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1812
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1813
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1813
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1813
	<b>Other</b> <Othr>	[0..*]	±		1813
	<b>Name</b> <Nm>	[0..1]	Text		1813
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1813

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1814
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1814
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1815
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1815
	<b>Authentication</b> <Authntcn>	[0..*]			1816
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1818
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1819
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1820
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1820
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1820
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1820
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1821
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1821
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1821
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1822
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1822
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1822
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1823
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1823
	<b>SocialSecurityNumber</b> <ScIStctyNb>	[0..1]	Text		1823
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1823
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1823
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1823
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1823
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1823
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1824
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1824
	<b>Department</b> <Dept>	[0..1]	Text		1824
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1824
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1824
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1824

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1824
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1825
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1825
	<b>Other</b> <Othr>	[0..*]	±		1825
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1825
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1825
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1826
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1826
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1826
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1826
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1826
	<b>Identification</b> <Id>	[1..1]	Text		1827
	<b>Value</b> <Val>	[0..1]	Binary		1827
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1827
	<b>Type</b> <Tp>	[0..1]	Text		1827
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1827
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1828
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1829
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1829
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1829
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1830
	<b>MobileData</b> <MobData>	[0..*]			1830
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1830
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1830
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1831
	<b>Geolocation</b> <Glctn>	[0..1]			1831
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1831
	<b>Latitude</b> <Lat>	[1..1]	Text		1831
	<b>Longitude</b> <Long>	[1..1]	Text		1831
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1832
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1832



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1832
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1832
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1832
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1833
	<b>IMSI</b> <IMSI>	[0..1]	Text		1833
	<b>IMEI</b> <IMEI>	[0..1]	Text		1833
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1833
	<b>ProtectedCardholderData</b> <PrctcdCrdhldrData>	[0..1]	±		1833
	<b>Transaction</b> <Tx>	[1..1]			1834
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1834
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1834
	<b>InitiatorTransactionIdentification</b> <InitrTxId>	[0..1]	Text		1834
	<b>RecipientTransactionIdentification</b> <RcptTxId>	[0..1]	Text		1835
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1835
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1835
	<b>TMSTrigger</b> <TMSTrggr>	[0..1]			1835
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		1835
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		1836
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		1836
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C2	1836

#### 22.4.2.1 Environment <Env>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		1794
	<b>Merchant</b> <Mrchnt>	[0..1]			1794
	<b>Identification</b> <Id>	[0..1]	±		1794
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1795
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1795
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1795
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1796
	<b>POI</b> <POI>	[0..1]			1796
	<b>Identification</b> <Id>	[1..1]	±		1796
	<b>SystemName</b> <SysNm>	[0..1]	Text		1797
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1797
	<b>Capabilities</b> <Cpblties>	[0..1]	±		1797
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1798
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1798
	<b>Component</b> <Cmpnt>	[0..*]	±		1799
	<b>Card</b> <Card>	[0..1]			1801
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1802
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1802
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1802
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1803
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1803
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1803
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1803
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1803
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1804
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1804
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1804
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1804
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1804
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1804
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1805

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1805
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1805
	<b>Wallet</b> <Wlt>	[0..1]	±		1805
	<b>PaymentToken</b> <PmtTkn>	[0..1]	±		1805
	<b>Cardholder</b> <Crhdldr>	[0..1]			1806
	<b>Identification</b> <Id>	[0..1]			1810
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1810
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1810
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1811
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1811
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1811
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1811
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1811
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1811
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1811
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1811
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1812
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1812
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1812
	<b>Department</b> <Dept>	[0..1]	Text		1812
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1812
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1812
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1812
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1813
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1813
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1813
	<b>Other</b> <Othr>	[0..*]	±		1813
	<b>Name</b> <Nm>	[0..1]	Text		1813
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1813
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1814
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1814

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1815
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1815
	<b>Authentication</b> <Authntcn>	[0..*]			1816
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1818
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1819
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1820
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1820
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1820
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1820
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1821
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1821
	<b>CardholderIdentification</b> <CrdhldrId>	[0..1]			1821
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1822
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1822
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1822
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1823
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1823
	<b>SocialSecurityNumber</b> <ScfSctyNb>	[0..1]	Text		1823
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1823
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1823
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1823
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1823
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1823
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1824
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1824
	<b>Department</b> <Dept>	[0..1]	Text		1824
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1824
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1824
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1824
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1824
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1825

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1825
	<b>Other</b> <Othr>	[0..*]	±		1825
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1825
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1825
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1826
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1826
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1826
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1826
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1826
	<b>Identification</b> <Id>	[1..1]	Text		1827
	<b>Value</b> <Val>	[0..1]	Binary		1827
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1827
	<b>Type</b> <Tp>	[0..1]	Text		1827
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1827
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1828
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1829
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1829
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1829
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1830
	<b>MobileData</b> <MobData>	[0..*]			1830
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1830
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1830
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1831
	<b>Geolocation</b> <Glctn>	[0..1]			1831
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1831
	<b>Latitude</b> <Lat>	[1..1]	Text		1831
	<b>Longitude</b> <Long>	[1..1]	Text		1831
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1832
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1832
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1832
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1832

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1832
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1833
	<b>IMSI</b> <IMSI>	[0..1]	Text		1833
	<b>IMEI</b> <IMEI>	[0..1]	Text		1833
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1833
	<b>ProtectedCardholderData</b> <PrctcdCrhdldrData>	[0..1]	±		1833

#### 22.4.2.1.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "[Acquirer10](#)" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 22.4.2.1.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	±		1794
	<b>CommonName</b> <CmonNm>	[0..1]	Text		1795
	<b>LocationCategory</b> <LctnCtgy>	[0..1]	CodeSet		1795
	<b>LocationAndContact</b> <LctnAndCtct>	[0..1]	±		1795
	<b>SchemeData</b> <SchmeData>	[0..1]	Text		1796

##### 22.4.2.1.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 22.4.2.1.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 22.4.2.1.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 22.4.2.1.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 22.4.2.1.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 22.4.2.1.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1796
	<b>SystemName</b> <SysNm>	[0..1]	Text		1797
	<b>GroupIdentification</b> <Grpld>	[0..1]	Text		1797
	<b>Capabilities</b> <Cpbilities>	[0..1]	±		1797
	<b>TimeZone</b> <TmZone>	[0..1]	Text		1798
	<b>TerminalIntegration</b> <TermnlIntgtn>	[0..1]	CodeSet		1798
	<b>Component</b> <Cmpnt>	[0..*]	±		1799

##### 22.4.2.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.



**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 22.4.2.1.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 22.4.2.1.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 22.4.2.1.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 22.4.2.1.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 22.4.2.1.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 22.4.2.1.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 22.4.2.1.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedCardData</b> <PrtctdCardData>	[0..1]	±		1802
	<b>PrivateCardData</b> <PrvtCardData>	[0..1]	Binary		1802
	<b>PlainCardData</b> <PlainCardData>	[0..1]	±		1802
	<b>PaymentAccountReference</b> <PmtAcctRef>	[0..1]	Text		1803
	<b>MaskedPAN</b> <MskdPAN>	[0..1]	Text		1803
	<b>IssuerBIN</b> <IssrBIN>	[0..1]	Text		1803
	<b>CardCountryCode</b> <CardCtryCd>	[0..1]	Text		1803
	<b>CardCurrencyCode</b> <CardCcyCd>	[0..1]	Text		1803
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1804
	<b>CardBrand</b> <CardBrnd>	[0..1]	Text		1804
	<b>CardProductType</b> <CardPdctTp>	[0..1]	CodeSet		1804
	<b>CardProductSubType</b> <CardPdctSubTp>	[0..1]	Text		1804
	<b>InternationalCard</b> <IntrnlCard>	[0..1]	Indicator		1804
	<b>AllowedProduct</b> <AllwdPdct>	[0..*]	Text		1804
	<b>ServiceOption</b> <SvcOptn>	[0..1]	Text		1805
	<b>AdditionalCardData</b> <AddtlCardData>	[0..1]	Text		1805

#### 22.4.2.1.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 22.4.2.1.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 22.4.2.1.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 22.4.2.1.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 22.4.2.1.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 22.4.2.1.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 22.4.2.1.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 22.4.2.1.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 22.4.2.1.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 22.4.2.1.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 22.4.2.1.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427



#### 22.4.2.1.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 22.4.2.1.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 22.4.2.1.6 Wallet <WlIt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <WlIt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 22.4.2.1.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 22.4.2.1.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]			1810
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1810
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1810
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1811
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1811
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1811
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1811
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1811
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1811
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1811
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1811
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1812
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1812
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1812
	<b>Department</b> <Dept>	[0..1]	Text		1812
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1812
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1812
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1812
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1813
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1813
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1813
	<b>Other</b> <Othr>	[0..*]	±		1813
	<b>Name</b> <Nm>	[0..1]	Text		1813
	<b>Language</b> <Lang>	[0..1]	CodeSet	C3	1813
	<b>BillingAddress</b> <BllgAdr>	[0..1]	±		1814
	<b>ShippingAddress</b> <ShppgAdr>	[0..1]	±		1814
	<b>TripNumber</b> <TripNb>	[0..1]	Text		1815
	<b>Vehicle</b> <Vhcl>	[0..1]	±		1815
	<b>Authentication</b> <Authntcn>	[0..*]			1816
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1818
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1819

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1820
	<b>ProtectedAuthenticationValue</b> <PrctcdAuthntcnVal>	[0..1]	±		1820
	<b>CardholderOnLinePIN</b> <CrhdldrOnLinePIN>	[0..1]			1820
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1820
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1821
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1821
	<b>CardholderIdentification</b> <Crhdldrld>	[0..1]			1821
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1822
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1822
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1822
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1823
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1823
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1823
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1823
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1823
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1823
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1823
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1823
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1824
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1824
	<b>Department</b> <Dept>	[0..1]	Text		1824
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1824
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1824
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1824
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1824
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1825
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1825
	<b>Other</b> <Othr>	[0..*]	±		1825
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1825
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1825
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1826

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1826
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1826
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1826
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1826
	<b>Identification</b> <Id>	[1..1]	Text		1827
	<b>Value</b> <Val>	[0..1]	Binary		1827
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1827
	<b>Type</b> <Tp>	[0..1]	Text		1827
	<b>TransactionVerificationResult</b> <TxVrfctnRslt>	[0..*]			1827
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1828
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1829
	<b>Result</b> <Rslt>	[0..1]	CodeSet		1829
	<b>AdditionalResult</b> <AddtlRslt>	[0..1]	Text		1829
	<b>PersonalData</b> <PrsnlData>	[0..1]	Text		1830
	<b>MobileData</b> <MobData>	[0..*]			1830
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1830
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1830
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1831
	<b>Geolocation</b> <Glctn>	[0..1]			1831
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1831
	<b>Latitude</b> <Lat>	[1..1]	Text		1831
	<b>Longitude</b> <Long>	[1..1]	Text		1831
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1832
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1832
	<b>UTMEastward</b> <UTMEstwrdr>	[1..1]	Text		1832
	<b>UTMNorthward</b> <UTMNrthwrdr>	[1..1]	Text		1832
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1832
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1833
	<b>IMSI</b> <IMSI>	[0..1]	Text		1833
	<b>IMEI</b> <IMEI>	[0..1]	Text		1833
	<b>ProtectedMobileData</b> <PrctcdMobData>	[0..1]	±		1833

#### 22.4.2.1.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1810
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1810
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1811
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1811
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1811
	<b>SocialSecurityNumber</b> <ScIscTyNb>	[0..1]	Text		1811
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1811
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1811
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1811
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1811
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1812
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1812
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1812
	<b>Department</b> <Dept>	[0..1]	Text		1812
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1812
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1812
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1812
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1813
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1813
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1813
	<b>Other</b> <Othr>	[0..*]	±		1813

##### 22.4.2.1.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

##### 22.4.2.1.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.1.11 EmployerIdentificationNumber <MplyrldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.1.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 22.4.2.1.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1812
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1813
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1813
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1813

##### 22.4.2.1.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420



#### 22.4.2.1.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 22.4.2.1.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 22.4.2.1.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 22.4.2.1.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 22.4.2.1.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 22.4.2.1.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 22.4.2.1.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 22.4.2.1.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthenticationMethod</b> <AuthntcnMtd>	[0..1]	CodeSet		1818
	<b>AuthenticationExemption</b> <AuthntcnXmptn>	[0..1]	CodeSet		1819
	<b>AuthenticationValue</b> <AuthntcnVal>	[0..1]	Binary		1820
	<b>ProtectedAuthenticationValue</b> <PrtctdAuthntcnVal>	[0..1]	±		1820
	<b>CardholderOnLinePIN</b> <CrdhldrOnLinePIN>	[0..1]			1820
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1820
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1821
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1821
	<b>CardholderIdentification</b> <Crdhldrid>	[0..1]			1821
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1822
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1822
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1822
	<b>DriverIdentification</b> <Drvrld>	[0..1]	Text		1823
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1823
	<b>SocialSecurityNumber</b> <SciSctyNb>	[0..1]	Text		1823
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1823
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1823
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1823
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1823
	<b>EmployerIdentificationNumber</b> <MplyrldNb>	[0..1]	Text		1823
	<b>EmployeeIdentificationNumber</b> <MplyeeldNb>	[0..1]	Text		1824
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1824
	<b>Department</b> <Dept>	[0..1]	Text		1824
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1824
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1824
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1824
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1824
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1825
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1825
	<b>Other</b> <Othr>	[0..*]	±		1825
	<b>AddressVerification</b> <AdrVrfctn>	[0..1]			1825

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1825
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1826
	<b>AuthenticationType</b> <AuthntcnTp>	[0..1]	Text		1826
	<b>AuthenticationLevel</b> <AuthntcnLvl>	[0..1]	Text		1826
	<b>AuthenticationResult</b> <AuthntcnRslt>	[0..1]	CodeSet		1826
	<b>AuthenticationAdditionalInformation</b> <AuthntcnAddtlInf>	[0..1]			1826
	<b>Identification</b> <Id>	[1..1]	Text		1827
	<b>Value</b> <Val>	[0..1]	Binary		1827
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1827
	<b>Type</b> <Tp>	[0..1]	Text		1827

#### 22.4.2.1.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 22.4.2.1.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 22.4.2.1.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 22.4.2.1.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 22.4.2.1.8.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedPINBlock</b> <NcrptdPINBlck>	[1..1]	±		1820
	<b>PINFormat</b> <PINFrmt>	[1..1]	CodeSet		1821
	<b>AdditionalInput</b> <AddtlInpt>	[0..1]	Text		1821

##### 22.4.2.1.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).



**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 22.4.2.1.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 22.4.2.1.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.8.6 CardholderIdentification <Crhdldrid>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DriverLicenseNumber</b> <DrvrLicNb>	[0..1]	Text		1822
	<b>DriverLicenseLocation</b> <DrvrLicLctn>	[0..1]	Text		1822
	<b>DriverLicenseName</b> <DrvrLicNm>	[0..1]	Text		1822
	<b>DriverIdentification</b> <DrvrId>	[0..1]	Text		1823
	<b>CustomerNumber</b> <CstmrNb>	[0..1]	Text		1823
	<b>SocialSecurityNumber</b> <ScI/SctyNb>	[0..1]	Text		1823
	<b>AlienRegistrationNumber</b> <AlnRegnNb>	[0..1]	Text		1823
	<b>PassportNumber</b> <PsptNb>	[0..1]	Text		1823
	<b>TaxIdentificationNumber</b> <TaxIdNb>	[0..1]	Text		1823
	<b>IdentityCardNumber</b> <IdntyCardNb>	[0..1]	Text		1823
	<b>EmployerIdentificationNumber</b> <MplyrIdNb>	[0..1]	Text		1823
	<b>EmployeeIdentificationNumber</b> <MplyeIdNb>	[0..1]	Text		1824
	<b>JobNumber</b> <JobNb>	[0..1]	Text		1824
	<b>Department</b> <Dept>	[0..1]	Text		1824
	<b>EmailAddress</b> <EmailAdr>	[0..1]	Text		1824
	<b>DateAndPlaceOfBirth</b> <DtAndPlcOfBirth>	[0..1]			1824
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1824
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1824
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1825
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1825
	<b>Other</b> <Othr>	[0..*]	±		1825

#### 22.4.2.1.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.8.6.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **22.4.2.1.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 22.4.2.1.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>BirthDate</b> <BirthDt>	[1..1]	Date		1824
	<b>ProvinceOfBirth</b> <PrvcOfBirth>	[0..1]	Text		1824
	<b>CityOfBirth</b> <CityOfBirth>	[1..1]	Text		1825
	<b>CountryOfBirth</b> <CtryOfBirth>	[1..1]	CodeSet	C1	1825

#### 22.4.2.1.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 22.4.2.1.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 22.4.2.1.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 22.4.2.1.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddressDigits</b> <AdrDgts>	[0..1]	Text		1825
	<b>PostalCodeDigits</b> <PstlCdDgts>	[0..1]	Text		1826

#### 22.4.2.1.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 22.4.2.1.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 22.4.2.1.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 22.4.2.1.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1827
	<b>Value</b> <Val>	[0..1]	Binary		1827
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1827
	<b>Type</b> <Tp>	[0..1]	Text		1827

#### 22.4.2.1.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 22.4.2.1.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 22.4.2.1.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 22.4.2.1.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 22.4.2.1.8.9 TransactionVerificationResult <TxVrfctnRsIt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		1828
	<b>VerificationEntity</b> <VrfctnNtty>	[0..1]	CodeSet		1829
	<b>Result</b> <RsIt>	[0..1]	CodeSet		1829
	<b>AdditionalResult</b> <AddtlRsIt>	[0..1]	Text		1829

#### 22.4.2.1.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.



CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 22.4.2.1.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 22.4.2.1.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 22.4.2.1.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 22.4.2.1.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 22.4.2.1.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MobileCountryCode</b> <MobCtryCd>	[0..1]	Text		1830
	<b>MobileNetworkCode</b> <MobNtwkCd>	[0..1]	Text		1830
	<b>MobileMaskedMSISDN</b> <MobMskdMSISDN>	[0..1]	Text		1831
	<b>Geolocation</b> <Glctn>	[0..1]			1831
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1831
	<b>Latitude</b> <Lat>	[1..1]	Text		1831
	<b>Longitude</b> <Long>	[1..1]	Text		1831
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1832
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1832
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1832
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1832
	<b>SensitiveMobileData</b> <SnstvMobData>	[0..1]			1832
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1833
	<b>IMSI</b> <IMSI>	[0..1]	Text		1833
	<b>IMEI</b> <IMEI>	[0..1]	Text		1833
	<b>ProtectedMobileData</b> <PrtctdMobData>	[0..1]	±		1833

##### 22.4.2.1.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 22.4.2.1.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

### 22.4.2.1.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

### 22.4.2.1.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>GeographicCoordinates</b> <GeogcCordints>	[0..1]			1831
	<b>Latitude</b> <Lat>	[1..1]	Text		1831
	<b>Longitude</b> <Long>	[1..1]	Text		1831
	<b>UTMCoordinates</b> <UTMCordints>	[0..1]			1832
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1832
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1832
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1832

#### 22.4.2.1.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Latitude</b> <Lat>	[1..1]	Text		1831
	<b>Longitude</b> <Long>	[1..1]	Text		1831

##### 22.4.2.1.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

##### 22.4.2.1.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.1.8.11.4.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UTMZone</b> <UTMZone>	[1..1]	Text		1832
	<b>UTMEastward</b> <UTMEstwr>	[1..1]	Text		1832
	<b>UTMNorthward</b> <UTMNrthwr>	[1..1]	Text		1832

##### 22.4.2.1.8.11.4.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### 22.4.2.1.8.11.4.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 22.4.2.1.8.11.4.2.3 UTMNorthward <UTMNrthwr>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### 22.4.2.1.8.11.5 SensitiveMobileData <SnstvMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MSISDN</b> <MSISDN>	[1..1]	Text		1833
	<b>IMSI</b> <IMSI>	[0..1]	Text		1833
	<b>IMEI</b> <IMEI>	[0..1]	Text		1833

#### 22.4.2.1.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 22.4.2.1.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 22.4.2.1.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 22.4.2.1.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 22.4.2.1.9 ProtectedCardholderData <PrtctdCrhdldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see ["ContentInformationType22" on page 2346](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

## 22.4.2.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Card payment transaction between an acceptor and an acquirer.

**Transaction <Tx>** contains the following **CardPaymentTransactionAdviceResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification &lt;SaleRefId&gt;</b>	[0..1]	Text		1834
	<b>TransactionIdentification &lt;TxId&gt;</b>	[1..1]	±		1834
	<b>InitiatorTransactionIdentification &lt;InitrTxId&gt;</b>	[0..1]	Text		1834
	<b>RecipientTransactionIdentification &lt;RcptTxId&gt;</b>	[0..1]	Text		1835
	<b>ReconciliationIdentification &lt;RcncltnId&gt;</b>	[0..1]	Text		1835
	<b>Response &lt;Rspn&gt;</b>	[1..1]	CodeSet		1835

### 22.4.2.2.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* ["Max35Text" on page 2426](#)

### 22.4.2.2.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentifier1" on page 2315](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

### 22.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* ["Max35Text" on page 2426](#)

#### 22.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 22.4.2.2.5 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.2.6 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of a requested service.

*Datatype:* "Response4Code" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

#### 22.4.2.3 TMSTrigger <TMSTrggr>

*Presence:* [0..1]

*Definition:* Instructions for contacting the terminal management host.

**TMSTrigger <TMSTrggr>** contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TMSContactLevel</b> <TMSCtctLvl>	[1..1]	CodeSet		1835
	<b>TMSIdentification</b> <TMSId>	[0..1]	Text		1836
	<b>TMSContactDateTime</b> <TMSCtctDtTm>	[0..1]	DateTime		1836

##### 22.4.2.3.1 TMSContactLevel <TMSCtctLvl>

*Presence:* [1..1]

*Definition:* Level of urgency in contacting the maintenance.

*Datatype:* "TMSContactLevel1Code" on page 2415

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.

CodeName	Name	Definition
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

#### 22.4.2.3.2 TMSIdentification <TMSId>

*Presence:* [0..1]

*Definition:* Identification of the host to contact for the maintenance.

*Datatype:* "Max35Text" on page 2426

#### 22.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

*Presence:* [0..1]

*Definition:* Date and time for calling the maintenance.

*Datatype:* "ISODateTime" on page 2420

#### 22.4.2.4 SupplementaryData <SplmtryData>

*Presence:* [0..\*]

*Definition:* Additional information incorporated as an extension to the message.

*Impacted by:* C2 "SupplementaryDataRule"

**SupplementaryData <SplmtryData>** contains the following elements (see "SupplementaryData1" on page 2253 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2254
	Envelope <Envlp>	[1..1]	(External Schema)		2254

#### Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

### 22.4.3 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following **ContentInformationType24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ContentType</b> <CnttTp>	[1..1]	CodeSet		1837
	<b>AuthenticatedData</b> <AuthntcdData>	[1..1]	±		1837



### 22.4.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 22.4.3.2 AuthenticatedData <AuthntcdData>

*Presence:* [1..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

## 23 Message Items Types

### 23.1 MessageComponents

#### 23.1.1 Acquirer

##### 23.1.1.1 Acquirer10

*Definition:* Acquirer involved in the card payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

##### 23.1.1.1.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the acquirer (for example the bank identification number BIN).

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2248

##### 23.1.1.1.2 ParametersVersion <ParamsVrsn>

*Presence:* [0..1]

*Definition:* Version of the payment acquirer parameters of the POI.

*Datatype:* "Max256Text" on page 2425

## 23.1.2 Address

### 23.1.2.1 CommunicationAddress9

*Definition:* Communication information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 23.1.2.1.1 PostalAddress <PstlAdr>

*Presence:* [0..1]

*Definition:* Postal address of the entity.

**PostalAddress <PstlAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 23.1.2.1.2 Email <Email>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 23.1.2.1.3 URLAddress <URLAdr>

*Presence:* [0..1]

*Definition:* Address for the Universal Resource Locator (URL), for example used over the www (HTTP) service.

*Datatype:* "Max256Text" on page 2425

#### 23.1.2.1.4 Phone <Phne>

*Presence:* [0..1]

*Definition:* Collection of information that identifies a phone number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 2429

#### 23.1.2.1.5 CustomerService <CstmrSvc>

*Presence:* [0..1]

*Definition:* Phone number of the customer service.

*Datatype:* "PhoneNumber" on page 2429

#### 23.1.2.1.6 AdditionalContactInformation <AddtlCtctInf>

*Presence:* [0..1]

*Definition:* Additional information used to facilitate contact with the card acceptor, for instance sales agent name, dispute manager name.

*Datatype:* "Max256Text" on page 2425

### 23.1.3 Amount

#### 23.1.3.1 AmountAndDirection93

*Definition:* Signed amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1840
	Currency <Ccy>	[1..1]	CodeSet	C1	1840
	Sign <Sgn>	[0..1]	Indicator		1841

##### 23.1.3.1.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

##### 23.1.3.1.2 Currency <Ccy>

*Presence:* [1..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### 23.1.3.1.3 Sign <Sgn>

*Presence:* [0..1]

*Definition:* Indicates that the amount value is positive or negative.

*Datatype:* One of the following values must be used (see "PlusOrMinusIndicator" on page 2422):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

### 23.1.3.2 DetailedAmount15

*Definition:* Detailed amounts associated with the total amount of transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1841
	CashBack <CshBck>	[0..1]	Amount		1841
	Gratuity <Grtty>	[0..1]	Amount		1842
	Fees <Fees>	[0..*]	±		1842
	Rebate <Rbt>	[0..*]	±		1842
	ValueAddedTax <ValAddedTax>	[0..*]	±		1842
	Surcharge <Srchr>	[0..*]	±		1842

#### 23.1.3.2.1 AmountGoodsAndServices <AmtGoodsAndSvcs>

*Presence:* [0..1]

*Definition:* Amount of purchase goods and services without tax.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.3.2.2 CashBack <CshBck>

*Presence:* [0..1]

*Definition:* Cash-back amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.3.2.3 Gratuity <Grtty>

*Presence:* [0..1]

*Definition:* Gratuity amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.3.2.4 Fees <Fees>

*Presence:* [0..\*]

*Definition:* Fees amount.

**Fees <Fees>** contains the following elements (see "DetailedAmount4" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1843
	Label <Lbl>	[0..1]	Text		1843

### 23.1.3.2.5 Rebate <Rbt>

*Presence:* [0..\*]

*Definition:* Global rebate of the transaction. This amount is counted as a negative amount.

**Rebate <Rbt>** contains the following elements (see "DetailedAmount4" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1843
	Label <Lbl>	[0..1]	Text		1843

### 23.1.3.2.6 ValueAddedTax <ValAddedTax>

*Presence:* [0..\*]

*Definition:* Value added tax amount.

**ValueAddedTax <ValAddedTax>** contains the following elements (see "DetailedAmount4" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1843
	Label <Lbl>	[0..1]	Text		1843

### 23.1.3.2.7 Surcharge <Srchr>

*Presence:* [0..\*]

*Definition:* Additional charge paid by the cardholder. For example airline credit card surcharge.

**Surcharge <Srchr>** contains the following elements (see ["DetailedAmount4" on page 1843](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1843
	Label <Labl>	[0..1]	Text		1843

### 23.1.3.3 DetailedAmount4

*Definition:* Detailed amounts associated with the total amount of transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1843
	Label <Labl>	[0..1]	Text		1843

#### 23.1.3.3.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount value.

*Datatype:* ["ImpliedCurrencyAndAmount" on page 2375](#)

#### 23.1.3.3.2 Label <Labl>

*Presence:* [0..1]

*Definition:* Short description of the amount to display or print.

*Datatype:* ["Max140Text" on page 2424](#)

## 23.1.4 Card

### 23.1.4.1 PlainCardData15

*Definition:* Sensible data associated with the payment card performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 23.1.4.1.1 PAN <PAN>

*Presence:* [1..1]

*Definition:* Primary Account Number (PAN) of the card, or surrogate of the PAN by a payment token.

*Datatype:* "Min8Max28NumericText" on page 2429

#### 23.1.4.1.2 CardSequenceNumber <CardSeqNb>

*Presence:* [0..1]

*Definition:* Identify a card or a payment token inside a set of cards with the same PAN or token.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 23.1.4.1.3 EffectiveDate <FctvDt>

*Presence:* [0..1]

*Definition:* Date from which the card can be used, expressed either in the YYYY-MM format, or in the YYYY-MM-DD format.

*Datatype:* "Max10Text" on page 2424

#### 23.1.4.1.4 ExpiryDate <XpryDt>

*Presence:* [1..1]

*Definition:* Expiry date of the card or the payment token expressed either in the YYYY-MM format, or in the YYYY-MM-DD format.

*Datatype:* "Max10Text" on page 2424

#### 23.1.4.1.5 ServiceCode <SvcCd>

*Presence:* [0..1]

*Definition:* Services attached to the card, as defined in ISO 7813.

*Datatype:* "Exact3NumericText" on page 2423



#### **23.1.4.1.6 Track1 <Trck1>**

*Presence:* [0..1]

*Definition:* ISO track 1 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The format is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max76Text" on page 2428

#### **23.1.4.1.7 Track2 <Trck2>**

*Presence:* [0..1]

*Definition:* ISO track 2 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max37Text" on page 2426

#### **23.1.4.1.8 Track3 <Trck3>**

*Presence:* [0..1]

*Definition:* ISO track 3 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 4909, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max104Text" on page 2424

#### **23.1.4.1.9 CardholderName <CrdhldrNm>**

*Presence:* [0..1]

*Definition:* Name of the cardholder stored on the card.

*Datatype:* "Max45Text" on page 2427

### **23.1.5 Card Transaction**

#### **23.1.5.1 CardPaymentTransaction100**

*Definition:* Data associated with the transaction for a potential currency conversion.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1848
	TransactionType <TxTp>	[1..1]	CodeSet		1848
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1849
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1850
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1850
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1850
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1850
	TransactionIdentification <TxId>	[1..1]	±		1850
	OriginalTransaction <OrgnlTx>	[0..1]	±		1851
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1853
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1853
	TransactionDetails <TxDtls>	[1..1]			1853
	Currency <Ccy>	[0..1]	CodeSet	C1	1855
	TotalAmount <TtlAmt>	[1..1]	Amount		1856
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1856
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1856
	DetailedAmount <DtldAmt>	[0..1]	±		1856
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1857
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1857
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1857
	ValidityDate <VldtyDt>	[0..1]	Date		1857
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1857
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1858
	AccountType <AcctTp>	[0..1]	CodeSet		1858
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1859
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1861
	Conversion <Convs>	[0..1]			1861
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1863
	NumericCode <NmrcCd>	[1..1]	Text		1863

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1863
	Name <Nm>	[0..1]	Text		1863
	ResultingAmount <RsltgAmt>	[1..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1864
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1864
	QuotationDate <QtnDt>	[0..1]	DateTime		1864
	ValidUntil <VldUntil>	[0..1]	DateTime		1864
	SourceCurrency <SrcCcy>	[1..1]			1864
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1865
	Decimal <Dcml>	[0..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[1..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1866
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1867
	Instalment <Instlmt>	[0..1]	±		1867
	AggregationTransaction <AggtTx>	[0..1]	±		1868
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1868
	SaleItem <Saleitm>	[0..*]	±		1869
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1869
	AdditionalInformation <AddtlInf>	[0..*]			1869
	Identification <Id>	[1..1]	Text		1870
	Value <Val>	[0..1]	Binary		1870

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrctcdVal>	[0..1]	±		1870
	Type <Tp>	[0..1]	Text		1870
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1870
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1871
	CustomerOrder <CstmrOrd>	[0..1]	±		1871
	CustomerToken <CstmrTkn>	[0..1]	±		1871
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1872
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1872
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1872
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1872
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1873
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1873
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1873

#### 23.1.5.1.1 TransactionCapture <TxCaptr>

*Presence:* [0..1]

*Definition:* Flag indicating whether the transaction data must be captured or not in addition to the message process.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.1.2 TransactionType <TxTp>

*Presence:* [1..1]

*Definition:* Type of transaction being undertaken for the main service.

*Datatype:* ["CardPaymentServiceType5Code" on page 2395](#)

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.

CodeName	Name	Definition
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.

### 23.1.5.1.3 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2396

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.

CodeName	Name	Definition
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

#### 23.1.5.1.4 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType3Code" on page 2395

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.

#### 23.1.5.1.5 LastTransactionFlag <LastTxFlg>

*Presence:* [0..1]

*Definition:* Flag indicating processing of the last transaction.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.1.6 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [0..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* "Min3Max4Text" on page 2429

#### 23.1.5.1.7 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.1.8 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction assigned by the initiator of the request. For instance refers to POITransactionIdentification if used inside an authorisation request or to SaleTransactionIdentification if the message is a payment request initiated by a sale system.

**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentifier1](#)" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 23.1.5.1.9 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following elements (see "CardPaymentTransaction102" on page 1873 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1875
	TransactionIdentification <TxId>	[1..1]	±		1875
	POIIdentification <POIID>	[1..1]	±		1875
	CurrencyConversion <CcyConvs>	[0..1]			1875
	Result <Rslt>	[1..1]	CodeSet		1877
	ResultReason <RsltRsn>	[0..1]	Text		1877
	ConversionDetails <ConvsDtls>	[0..*]			1877
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1878
	TargetCurrency <TrgtCcy>	[1..1]			1879
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879
	ResultingAmount <RsltAmt>	[1..1]	Amount		1879
	ExchangeRate <XchgRate>	[1..1]	Rate		1880
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1880
	QuotationDate <QtnDt>	[0..1]	DateTime		1880
	ValidUntil <VldUntil>	[0..1]	DateTime		1880
	SourceCurrency <SrcCcy>	[1..1]			1880
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1880
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881
	OriginalAmount <OrgnlAmt>	[1..1]			1881
	ActualAmount <ActlAmt>	[0..1]	Amount		1881
	MinimumAmount <MinAmt>	[0..1]	Amount		1881
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882
	CommissionDetails <ComssnDtls>	[0..*]			1882
	Amount <Amt>	[1..1]	Amount		1882
	AdditionalInformation <AddtlInf>	[0..1]	Text		1882



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			1882
	Rate <Rate>	[1..1]	Rate		1882
	AdditionalInformation <AddtlInf>	[0..1]	Text		1882
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1883

#### 23.1.5.1.10 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the Acquirer/Acceptor reconciliation period.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.1.11 IssuerReferenceData <IssrRefData>

*Presence:* [0..1]

*Definition:* Identification of the transaction given by the Issuer.

*Datatype:* "Max140Text" on page 2424

#### 23.1.5.1.12 TransactionDetails <TxDtls>

*Presence:* [1..1]

*Definition:* Details of the transaction.

**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1855
	TotalAmount <TtlAmt>	[1..1]	Amount		1856
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1856
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1856
	DetailedAmount <DtldAmt>	[0..1]	±		1856
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1857
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1857
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1857
	ValidityDate <VldtyDt>	[0..1]	Date		1857
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1857
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		1858
	AccountType <AcctTp>	[0..1]	CodeSet		1858
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1859
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1861
	Conversion <Convs>	[0..1]			1861
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1863
	NumericCode <NmrcCd>	[1..1]	Text		1863
	Decimal <Dcml>	[1..1]	Quantity		1863
	Name <Nm>	[0..1]	Text		1863
	ResultingAmount <RsltgAmt>	[1..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1864
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1864
	QuotationDate <QtnDt>	[0..1]	DateTime		1864
	ValidUntil <VldUntil>	[0..1]	DateTime		1864
	SourceCurrency <SrcCcy>	[1..1]			1864
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1865
	Decimal <Dcml>	[0..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[1..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1866
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrtDtls>	[0..*]	±		1867
	Instalment <Instlmt>	[0..1]	±		1867
	AggregationTransaction <AggtnTx>	[0..1]	±		1868
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1868
	SaleItem <Saleitm>	[0..*]	±		1869
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1869
	AdditionalInformation <AddtlInf>	[0..*]			1869
	Identification <Id>	[1..1]	Text		1870
	Value <Val>	[0..1]	Binary		1870
	ProtectedValue <PrctcdVal>	[0..1]	±		1870
	Type <Tp>	[0..1]	Text		1870
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1870

### 23.1.5.1.12.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.1.12.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.1.12.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

*Definition:* Contains the updated amount of all authorisations related to the same business transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.1.12.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2416

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

#### 23.1.5.1.12.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

*Definition:* Detailed amounts associated with the total amount of transaction.

**DetailedAmount <DtldAmt>** contains the following elements (see "DetailedAmount15" on page 1841 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1841
	CashBack <CshBck>	[0..1]	Amount		1841
	Gratuity <Grtty>	[0..1]	Amount		1842
	Fees <Fees>	[0..*]	±		1842
	Rebate <Rbt>	[0..*]	±		1842
	ValueAddedTax <ValAddedTax>	[0..*]	±		1842
	Surcharge <Srchr>	[0..*]	±		1842

#### 23.1.5.1.12.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.1.12.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.1.12.8 InvoiceAmount <InvcAmt>

*Presence:* [0..1]

*Definition:* Amount of the transaction that will be invoiced to the cardholder.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.1.12.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 23.1.5.1.12.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason1Code" on page 2407

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.

CodeName	Name	Definition
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.

#### 23.1.5.1.12.11 UnattendedLevelCategory <UattndddLvlCtgy>

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended POI (Point Of Interaction).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.1.12.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.

CodeName	Name	Definition
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 23.1.5.1.12.13 CurrencyConversionResult <CcyConvRsIt>

*Presence:* [0..1]

*Definition:* Result of the currency conversion proposed to the cardholder.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1861
	Conversion <Convs>	[0..1]			1861
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1863
	NumericCode <NmrcCd>	[1..1]	Text		1863
	Decimal <Dcml>	[1..1]	Quantity		1863
	Name <Nm>	[0..1]	Text		1863
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1864
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1864
	QuotationDate <QtnDt>	[0..1]	DateTime		1864
	ValidUntil <VldUntil>	[0..1]	DateTime		1864
	SourceCurrency <SrcCcy>	[1..1]			1864
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1865
	Decimal <Dcml>	[0..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[1..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1866
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1867



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#### **23.1.5.1.12.13.1 AcceptedByCardholder <AccptdByCrdhldr>**

*Presence:* [0..1]

*Definition:* True if the cardholder has accepted the currency conversion that the acquirer has proposed.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **23.1.5.1.12.13.2 Conversion <Convs>**

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

**Conversion <Convs>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1863
	NumericCode <NmrcCd>	[1..1]	Text		1863
	Decimal <Dcml>	[1..1]	Quantity		1863
	Name <Nm>	[0..1]	Text		1863
	ResultingAmount <RsltAmt>	[1..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1864
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1864
	QuotationDate <QtnDt>	[0..1]	DateTime		1864
	ValidUntil <VldUntil>	[0..1]	DateTime		1864
	SourceCurrency <SrcCcy>	[1..1]			1864
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1865
	Decimal <Dcml>	[0..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[1..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1866
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrtDtls>	[0..*]	±		1867

#### 23.1.5.1.12.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.1.12.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1863
	NumericCode <NmrcCd>	[1..1]	Text		1863
	Decimal <Dcml>	[1..1]	Quantity		1863
	Name <Nm>	[0..1]	Text		1863

#### 23.1.5.1.12.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.1.12.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 23.1.5.1.12.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 23.1.5.1.12.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.1.12.13.2.3 ResultingAmount <RsltAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.1.12.13.2.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 23.1.5.1.12.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 23.1.5.1.12.13.2.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.5.1.12.13.2.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.5.1.12.13.2.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1865
	Decimal <Dcml>	[0..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865

##### 23.1.5.1.12.13.2.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.1.12.13.2.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 23.1.5.1.12.13.2.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 23.1.5.1.12.13.2.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.1.12.13.2.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1866

#### 23.1.5.1.12.13.2.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.1.12.13.2.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.5.1.12.13.2.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.5.1.12.13.2.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866

#### 23.1.5.1.12.13.2.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.1.12.13.2.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

### 23.1.5.1.12.13.2.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866

#### 23.1.5.1.12.13.2.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

#### 23.1.5.1.12.13.2.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

#### 23.1.5.1.12.13.2.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCdBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCdVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCdNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCdErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

#### 23.1.5.1.12.14 Instalment <Instlmt>

*Presence:* [0..1]

*Definition:* Data related to a financial loan (instalment) or to a recurring transaction.

**Instalment <Instlmt>** contains the following elements (see ["RecurringTransaction2"](#) on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2317
	PlanIdentification <PlanId>	[0..1]	Text		2317
	SequenceNumber <SeqNb>	[0..1]	Quantity		2317
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2317
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2318
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2318
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2318
	TotalAmount <TtlAmt>	[0..1]	Amount	C8	2318
	FirstAmount <FrstAmt>	[0..1]	Amount		2318
	Charges <Chrgs>	[0..1]	Amount		2319

#### 23.1.5.1.12.15 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see ["AggregationTransaction3"](#) on page 2278 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2278
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2278
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2279
	IndividualPayment <IndvPmt>	[0..*]			2279
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Labl>	[0..1]	Text		2280

#### 23.1.5.1.12.16 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* ["Max10Text"](#) on page 2424



### 23.1.5.1.12.17 SaleItem <SaleItm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2304
	ProductCode <PdctCd>	[1..1]	Text		2304
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2304
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2305
	ProductQuantity <PdctQty>	[0..1]	Quantity		2306
	UnitPrice <UnitPric>	[0..1]	Amount		2306
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2307
	ProductAmount <PdctAmt>	[1..1]	Amount		2307
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2307
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2307
	TaxType <TaxTp>	[0..1]	Text		2307
	ProductDescription <PdctDesc>	[0..1]	Text		2307
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2307
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2308
	SaleChannel <SaleChanl>	[0..1]	Text		2308
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2308

### 23.1.5.1.12.18 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

*Definition:* Location of the delivery, for instance pump number or parking bay.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.1.12.19 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

**AdditionalInformation <AddtlInf>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1870
	Value <Val>	[0..1]	Binary		1870
	ProtectedValue <PrctcdVal>	[0..1]	±		1870
	Type <Tp>	[0..1]	Text		1870

#### 23.1.5.1.12.19.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.1.12.19.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.1.12.19.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 23.1.5.1.12.19.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.1.12.20 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

### 23.1.5.1.13 MerchantReferenceData <MrchntRefData>

*Presence:* [0..1]

*Definition:* Merchant information that must be returned unchanged in the response.

*Datatype:* "Max70Text" on page 2427

### 23.1.5.1.14 CustomerOrder <CstmrOrdrr>

*Presence:* [0..1]

*Definition:* Customer Order processing data.

**CustomerOrder <CstmrOrdrr>** contains the following elements (see "CustomerOrder1" on page 2254 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrrId>	[1..1]	Text		2255
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2255
	OpenOrderState <OpnOrdrrStat>	[0..1]	Indicator		2255
	StartDate <StartDt>	[1..1]	DateTime		2255
	EndDate <EndDt>	[0..1]	DateTime		2255
	Unit <Unit>	[0..1]	CodeSet		2256
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2256
	CurrentAmount <CurAmt>	[0..1]	Amount		2256
	Currency <Ccy>	[0..1]	CodeSet	C1	2256
	AccessedBy <AccsdBy>	[0..1]	Text		2256
	AdditionalInformation <AddtlInf>	[0..1]	Text		2256

### 23.1.5.1.15 CustomerToken <CstmrTkn>

*Presence:* [0..1]

*Definition:* Customer payment token information.

**CustomerToken <CstmrTkn>** contains the following elements (see "[CardPaymentToken5](#)" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 23.1.5.1.16 CustomerConsent <CstmrCnsnt>

*Presence:* [0..1]

*Definition:* This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.1.17 CardProgrammeProposed <CardPrgrmmPropsd>

*Presence:* [0..\*]

*Definition:* The card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

*Datatype:* "[Max35Text](#)" on page 2426

#### 23.1.5.1.18 CardProgrammeApplied <CardPrgrmmApld>

*Presence:* [0..1]

*Definition:* The card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

*Datatype:* "[Max35Text](#)" on page 2426

#### 23.1.5.1.19 SaleToPOIData <SaleToPOIData>

*Presence:* [0..1]

*Definition:* The POI System receives this information.

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*Datatype:* "Max70Text" on page 2427

#### **23.1.5.1.20 SaleToAcquirerData <SaleToAcqrrData>**

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2427

#### **23.1.5.1.21 SaleToIssuerData <SaleToIssrData>**

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2427

#### **23.1.5.1.22 AdditionalTransactionData <AddtlTxData>**

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2427

### **23.1.5.2 CardPaymentTransaction102**

*Definition:* Identification of the original transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1875
	TransactionIdentification <TxId>	[1..1]	±		1875
	POIIdentification <POIId>	[1..1]	±		1875
	CurrencyConversion <CcyConvs>	[0..1]			1875
	Result <Rslt>	[1..1]	CodeSet		1877
	ResultReason <RsltRsn>	[0..1]	Text		1877
	ConversionDetails <ConvsDtIs>	[0..*]			1877
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1878
	TargetCurrency <TrgtCcy>	[1..1]			1879
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879
	ResultingAmount <RsltAmt>	[1..1]	Amount		1879
	ExchangeRate <XchgRate>	[1..1]	Rate		1880
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1880
	QuotationDate <QtnDt>	[0..1]	DateTime		1880
	ValidUntil <VldUntil>	[0..1]	DateTime		1880
	SourceCurrency <SrcCcy>	[1..1]			1880
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1880
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881
	OriginalAmount <OrgnlAmt>	[1..1]			1881
	ActualAmount <ActlAmt>	[0..1]	Amount		1881
	MinimumAmount <MinAmt>	[0..1]	Amount		1881
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882
	CommissionDetails <ComssnDtIs>	[0..*]			1882
	Amount <Amt>	[1..1]	Amount		1882
	AdditionalInformation <AddtlInf>	[0..1]	Text		1882
	MarkUpDetails <MrkUpDtIs>	[0..*]			1882

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1882
	AdditionalInformation <AddtlInf>	[0..1]	Text		1882
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1883

#### 23.1.5.2.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.2.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 23.1.5.2.3 POIIdentification <POIID>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) performing the transaction.

**POIIdentification <POIID>** contains the following elements (see "GenericIdentification32" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 23.1.5.2.4 CurrencyConversion <CcyConvs>

*Presence:* [0..1]

*Definition:* Link to a previous currency conversion.

**CurrencyConversion <CcyConvs>** contains the following **CurrencyConversion18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <RsIt>	[1..1]	CodeSet		1877
	ResultReason <RsItRsn>	[0..1]	Text		1877
	ConversionDetails <ConvsDtIs>	[0..*]			1877
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1878
	TargetCurrency <TrgtCcy>	[1..1]			1879
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879
	ResultingAmount <RsItgAmt>	[1..1]	Amount		1879
	ExchangeRate <XchgRate>	[1..1]	Rate		1880
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1880
	QuotationDate <QtnDt>	[0..1]	DateTime		1880
	ValidUntil <VldUntil>	[0..1]	DateTime		1880
	SourceCurrency <SrcCcy>	[1..1]			1880
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1880
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881
	OriginalAmount <OrgnlAmt>	[1..1]			1881
	ActualAmount <ActlAmt>	[0..1]	Amount		1881
	MinimumAmount <MinAmt>	[0..1]	Amount		1881
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882
	CommissionDetails <ComssnDtIs>	[0..*]			1882
	Amount <Amt>	[1..1]	Amount		1882
	AdditionalInformation <AddtlInf>	[0..1]	Text		1882
	MarkUpDetails <MrkUpDtIs>	[0..*]			1882
	Rate <Rate>	[1..1]	Rate		1882
	AdditionalInformation <AddtlInf>	[0..1]	Text		1882
	DeclarationDetails <DclrtnDtIs>	[0..*]	±		1883



#### 23.1.5.2.4.1 Result <Rslt>

*Presence:* [1..1]

*Definition:* Result of a requested currency conversion.

*Datatype:* "CurrencyConversionResponse3Code" on page 2399

CodeName	Name	Definition
ODCC	Allowed	Dynamic currency conversion may be offered to the cardholder.
DCCA	Assumed	Transaction authorised with dynamic currency conversion.
ICRD	InvalidCard	The card is not valid for dynamic currency conversion.
IMER	InvalidMerchant	The card acceptor has not been recognised.
IPRD	InvalidProduct	Dynamic currency conversion service cannot be offered for this card product.
IRAT	NoRate	Exchange rates are not available.
NDCC	NotAvailable	Dynamic currency conversion is not available for other reason.
REST	Restriction	Conversion accepted for the requested amount exclusively.
CATG	Catalogue	Conversion accepted for a range of amounts.

#### 23.1.5.2.4.2 ResultReason <RsltRsn>

*Presence:* [0..1]

*Definition:* Plain text explaining the result of the currency conversion request.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.2.4.3 ConversionDetails <ConvsDtls>

*Presence:* [0..\*]

*Definition:* Information about the conversion of currency.

**ConversionDetails <ConvDtls>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1878
	TargetCurrency <TrgtCcy>	[1..1]			1879
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879
	ResultingAmount <RsltAmt>	[1..1]	Amount		1879
	ExchangeRate <XchgRate>	[1..1]	Rate		1880
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1880
	QuotationDate <QtnDt>	[0..1]	DateTime		1880
	ValidUntil <VldUntil>	[0..1]	DateTime		1880
	SourceCurrency <SrcCcy>	[1..1]			1880
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1880
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881
	OriginalAmount <OrgnlAmt>	[1..1]			1881
	ActualAmount <ActlAmt>	[0..1]	Amount		1881
	MinimumAmount <MinAmt>	[0..1]	Amount		1881
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882
	CommissionDetails <ComssnDtls>	[0..*]			1882
	Amount <Amt>	[1..1]	Amount		1882
	AdditionalInformation <AddtlInf>	[0..1]	Text		1882
	MarkUpDetails <MrkUpDtls>	[0..*]			1882
	Rate <Rate>	[1..1]	Rate		1882
	AdditionalInformation <AddtlInf>	[0..1]	Text		1882
	DeclarationDetails <DclrtDtls>	[0..*]	±		1883

#### 23.1.5.2.4.3.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.2.4.3.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879

#### 23.1.5.2.4.3.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.2.4.3.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 23.1.5.2.4.3.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 23.1.5.2.4.3.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.2.4.3.3 ResultingAmount <RsltgAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.2.4.3.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 23.1.5.2.4.3.5 InvertedExchangeRate <NvrtdXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 23.1.5.2.4.3.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.5.2.4.3.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.5.2.4.3.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1880
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881

##### 23.1.5.2.4.3.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.2.4.3.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 23.1.5.2.4.3.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 23.1.5.2.4.3.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.2.4.3.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1881
	MinimumAmount <MinAmt>	[0..1]	Amount		1881
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882

#### 23.1.5.2.4.3.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.2.4.3.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.5.2.4.3.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.5.2.4.3.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1882
	AdditionalInformation <AddtlInf>	[0..1]	Text		1882

#### 23.1.5.2.4.3.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.2.4.3.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

### 23.1.5.2.4.3.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1882
	AdditionalInformation <AddtlInf>	[0..1]	Text		1882

#### 23.1.5.2.4.3.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

#### 23.1.5.2.4.3.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

#### 23.1.5.2.4.3.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

#### 23.1.5.3 CardPaymentTransaction101

*Definition:* Identification of the original transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1884
	TransactionIdentification <TxId>	[1..1]	±		1884
	POIIdentification <POIID>	[0..1]	±		1884
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1885
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1885
	TransactionType <TxTp>	[1..1]	CodeSet		1885
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1886
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1886
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1887
	TransactionResult <TxRslt>	[0..1]			1887
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1888
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1888
	Response <Rspn>	[1..1]	CodeSet		1888
	ResponseReason <RspnRsn>	[0..1]	Text		1889
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1889
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1889

#### 23.1.5.3.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.3.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentifier1](#)" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 23.1.5.3.3 POIIdentification <POIID>

*Presence:* [0..1]

*Definition:* Identification of the POI (Point Of Interaction) performing the transaction.



**POIIdentification <POIID>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 23.1.5.3.4 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "[Max35Text](#)" on page 2426

#### 23.1.5.3.5 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "[Max140Text](#)" on page 2424

#### 23.1.5.3.6 TransactionType <TxTp>

*Presence:* [1..1]

*Definition:* Type of transaction being undertaken for the main service.

*Datatype:* "[CardPaymentServiceType12Code](#)" on page 2394

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.

CodeName	Name	Definition
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

### 23.1.5.3.7 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2396

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

### 23.1.5.3.8 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType3Code" on page 2395

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.

### 23.1.5.3.9 CardDataEntryMode <CardDataNtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the card information.

*Datatype:* "CardDataReading8Code" on page 2393

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

### 23.1.5.3.10 TransactionResult <TxRsIt>

*Presence:* [0..1]

*Definition:* Result of the original transaction.

**TransactionResult <TxRslt>** contains the following **CardPaymentTransactionResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1888
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1888
	Response <Rspn>	[1..1]	CodeSet		1888
	ResponseReason <RspnRsn>	[0..1]	Text		1889
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1889
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1889

#### 23.1.5.3.10.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 2250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2250
	Type <Tp>	[1..1]	CodeSet		2250
	Issuer <Issr>	[0..1]	CodeSet		2250
	Country <Ctry>	[0..1]	Text		2251
	ShortName <ShrtNm>	[0..1]	Text		2251

#### 23.1.5.3.10.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation from the acquirer.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1888
	ResponseReason <RspnRsn>	[0..1]	Text		1889
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1889

##### 23.1.5.3.10.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "[Response4Code](#)" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.

#### 23.1.5.3.10.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.3.10.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

#### 23.1.5.3.10.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Min6Max8Text" on page 2429

### 23.1.5.4 CardPaymentDataSetTransaction33

*Definition:* Card payment transaction including an authorisation response.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1898
	Traceability <Tracblt>	[0..*]	±		1898
	Environment <Envt>	[1..1]			1898
	Acquirer <Acqrr>	[0..1]	±		1903
	Merchant <Mrchnt>	[0..1]			1903
	Identification <Id>	[0..1]	±		1903
	CommonName <CmonNm>	[0..1]	Text		1904
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1904
	LocationAndContact <LctnAndCtct>	[0..1]	±		1904
	SchemeData <SchmeData>	[0..1]	Text		1905
	POI <POI>	[0..1]			1905
	Identification <Id>	[1..1]	±		1905
	SystemName <SysNm>	[0..1]	Text		1906
	GroupIdentification <GrpId>	[0..1]	Text		1906
	Capabilities <Cpblties>	[0..1]	±		1906
	TimeZone <TmZone>	[0..1]	Text		1907
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1907
	Component <Cmpnt>	[0..*]	±		1908
	Card <Card>	[0..1]			1910
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1911
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1911
	PlainCardData <PlainCardData>	[0..1]	±		1911
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1912
	MaskedPAN <MskdPAN>	[0..1]	Text		1912
	IssuerBIN <IssrBIN>	[0..1]	Text		1912
	CardCountryCode <CardCtryCd>	[0..1]	Text		1912
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1912
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1913
	CardBrand <CardBrnd>	[0..1]	Text		1913
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1913
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1913

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1913
	AllowedProduct <AllwdPdct>	[0..*]	Text		1913
	ServiceOption <SvcOptn>	[0..1]	Text		1914
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1914
	CustomerDevice <CstmrDvc>	[0..1]	±		1914
	Wallet <Wlt>	[0..1]	±		1914
	PaymentToken <PmtTkn>	[0..1]	±		1914
	Cardholder <Crdhldr>	[0..1]			1915
	Identification <Id>	[0..1]			1919
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1919
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1919
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1920
	DriverIdentification <DrvrId>	[0..1]	Text		1920
	CustomerNumber <CstmrNb>	[0..1]	Text		1920
	SocialSecurityNumber <ScfSctyNb>	[0..1]	Text		1920
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1920
	PassportNumber <PsptNb>	[0..1]	Text		1920
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1920
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1920
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1921
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1921
	JobNumber <JobNb>	[0..1]	Text		1921
	Department <Dept>	[0..1]	Text		1921
	EmailAddress <EmailAdr>	[0..1]	Text		1921
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1921
	BirthDate <BirthDt>	[1..1]	Date		1921
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1922
	CityOfBirth <CityOfBirth>	[1..1]	Text		1922
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1922
	Other <Othr>	[0..*]	±		1922
	Name <Nm>	[0..1]	Text		1922

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[0..1]	CodeSet	C3	1922
	BillingAddress <BlgAdr>	[0..1]	±		1923
	ShippingAddress <ShppgAdr>	[0..1]	±		1923
	TripNumber <TripNb>	[0..1]	Text		1924
	Vehicle <Vhcl>	[0..1]	±		1924
	Authentication <Authntcn>	[0..*]			1925
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1927
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1928
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1929
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1929
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1929
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1929
	PINFormat <PINFrmt>	[1..1]	CodeSet		1930
	AdditionalInput <AddtlInpt>	[0..1]	Text		1930
	CardholderIdentification <Crhdldrid>	[0..1]			1930
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1931
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1931
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1931
	DriverIdentification <Drvrld>	[0..1]	Text		1932
	CustomerNumber <CstmrNb>	[0..1]	Text		1932
	SocialSecurityNumber <ScI/SctyNb>	[0..1]	Text		1932
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1932
	PassportNumber <PsptNb>	[0..1]	Text		1932
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1932
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1932
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1932
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1933
	JobNumber <JobNb>	[0..1]	Text		1933
	Department <Dept>	[0..1]	Text		1933
	EmailAddress <EmailAdr>	[0..1]	Text		1933
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1933



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		1933
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1933
	CityOfBirth <CityOfBirth>	[1..1]	Text		1934
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1934
	Other <Othr>	[0..*]	±		1934
	AddressVerification <AdrVrfctn>	[0..1]			1934
	AddressDigits <AdrDgts>	[0..1]	Text		1934
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1935
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1935
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1935
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1935
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1935
	Identification <Id>	[1..1]	Text		1936
	Value <Val>	[0..1]	Binary		1936
	ProtectedValue <PrctcdVal>	[0..1]	±		1936
	Type <Tp>	[0..1]	Text		1936
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1936
	Method <Mtd>	[1..1]	CodeSet		1937
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1938
	Result <Rslt>	[0..1]	CodeSet		1938
	AdditionalResult <AddtlRslt>	[0..1]	Text		1938
	PersonalData <PrsnlData>	[0..1]	Text		1939
	MobileData <MobData>	[0..*]			1939
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1939
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1939
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1940
	Geolocation <Glctn>	[0..1]			1940
	GeographicCoordinates <GeogcCordints>	[0..1]			1940
	Latitude <Lat>	[1..1]	Text		1940
	Longitude <Long>	[1..1]	Text		1940
	UTMCoordinates <UTMCordints>	[0..1]			1941

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		1941
	UTMEastward <UTMEstwr>	[1..1]	Text		1941
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1941
	SensitiveMobileData <SnstvMobData>	[0..1]			1941
	MSISDN <MSISDN>	[1..1]	Text		1942
	IMSI <IMSI>	[0..1]	Text		1942
	IMEI <IMEI>	[0..1]	Text		1942
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1942
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		1942
	Transaction <Tx>	[1..1]			1943
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1946
	TransactionIdentification <TxId>	[1..1]	±		1946
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1946
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1946
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1946
	InterchangeData <IntrchgData>	[0..1]	Text		1946
	TransactionDetails <TxDtls>	[1..1]			1946
	Currency <Ccy>	[0..1]	CodeSet	C1	1948
	TotalAmount <TtlAmt>	[1..1]	Amount		1949
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1949
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1949
	DetailedAmount <DtldAmt>	[0..1]	±		1949
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1950
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1950
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1950
	ValidityDate <VldtyDt>	[0..1]	Date		1950
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1950
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1951
	AccountType <AcctTp>	[0..1]	CodeSet		1951
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1952
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1954

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Convs>	[0..1]			1954
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		1955
	TargetCurrency <TrgtCcy>	[1..1]			1956
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1956
	NumericCode <NmrcCd>	[1..1]	Text		1956
	Decimal <Dcml>	[1..1]	Quantity		1956
	Name <Nm>	[0..1]	Text		1956
	ResultingAmount <RsltAmt>	[1..1]	Amount		1956
	ExchangeRate <XchgRate>	[1..1]	Rate		1957
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1957
	QuotationDate <QtnDt>	[0..1]	DateTime		1957
	ValidUntil <VldUntil>	[0..1]	DateTime		1957
	SourceCurrency <SrcCcy>	[1..1]			1957
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1957
	NumericCode <NmrcCd>	[0..1]	Text		1958
	Decimal <Dcml>	[0..1]	Quantity		1958
	Name <Nm>	[0..1]	Text		1958
	OriginalAmount <OrgnlAmt>	[1..1]			1958
	ActualAmount <ActlAmt>	[0..1]	Amount		1958
	MinimumAmount <MinAmt>	[0..1]	Amount		1958
	MaximumAmount <MaxAmt>	[0..1]	Amount		1959
	CommissionDetails <ComssnDtls>	[0..*]			1959
	Amount <Amt>	[1..1]	Amount		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	MarkUpDetails <MrkUpDtls>	[0..*]			1959
	Rate <Rate>	[1..1]	Rate		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1960
	Instalment <Instlmt>	[0..1]	±		1960
	AggregationTransaction <AggtnTx>	[0..1]	±		1961
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1961

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <SaleItm>	[0..*]	±		1962
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1962
	AdditionalInformation <AddtlInf>	[0..*]			1962
	Identification <Id>	[1..1]	Text		1963
	Value <Val>	[0..1]	Binary		1963
	ProtectedValue <PrctdVal>	[0..1]	±		1963
	Type <Tp>	[0..1]	Text		1963
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1963
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1964
	TransactionResponse <TxRspn>	[1..1]			1964
	AuthorisationResult <AuthstnRslt>	[1..1]			1967
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1967
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1967
	Response <Rspn>	[1..1]	CodeSet		1968
	ResponseReason <RspnRsn>	[0..1]	Text		1968
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1968
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1968
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1968
	TMSTrigger <TMSTrggr>	[0..1]			1969
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1969
	TMSIdentification <TMSId>	[0..1]	Text		1969
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1969
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1969
	Method <Mtd>	[1..1]	CodeSet		1970
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1971
	Result <Rslt>	[0..1]	CodeSet		1971
	AdditionalResult <AddtlRslt>	[0..1]	Text		1971
	AllowedProductCode <AllwdPdctCd>	[0..*]			1972
	ProductCode <PdctCd>	[1..1]	Text		1972
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1972
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1972

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1972
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1972
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1972
	ProductCode <PdctCd>	[1..1]	Text		1973
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1973
	AmountLimit <AmtLmt>	[0..1]	Amount		1973
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1973
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1973
	Balance <Bal>	[0..1]	±		1975
	ProtectedBalance <PrctcdBal>	[0..1]	±		1975
	Action <Actn>	[0..*]			1976
	ActionType <ActnTp>	[1..1]	CodeSet		1976
	MessageToPresent <MsgToPres>	[0..1]	±		1977
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1977
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1978
	TargetCurrency <TrgtCcy>	[1..1]			1979
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1979
	NumericCode <NmrcCd>	[1..1]	Text		1979
	Decimal <Dcml>	[1..1]	Quantity		1979
	Name <Nm>	[0..1]	Text		1979
	ResultingAmount <RsItgAmt>	[1..1]	Amount		1980
	ExchangeRate <XchgRate>	[1..1]	Rate		1980
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1980
	QuotationDate <QtnDt>	[0..1]	DateTime		1980
	ValidUntil <VldUntil>	[0..1]	DateTime		1980
	SourceCurrency <SrcCcy>	[1..1]			1980
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1980
	NumericCode <NmrcCd>	[0..1]	Text		1981
	Decimal <Dcml>	[0..1]	Quantity		1981
	Name <Nm>	[0..1]	Text		1981
	OriginalAmount <OrgnlAmt>	[1..1]			1981

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1981
	MinimumAmount <MinAmt>	[0..1]	Amount		1981
	MaximumAmount <MaxAmt>	[0..1]	Amount		1982
	CommissionDetails <ComssnDtls>	[0..*]			1982
	Amount <Amt>	[1..1]	Amount		1982
	AdditionalInformation <AddtlInf>	[0..1]	Text		1982
	MarkUpDetails <MrkUpDtls>	[0..*]			1982
	Rate <Rate>	[1..1]	Rate		1982
	AdditionalInformation <AddtlInf>	[0..1]	Text		1983
	DeclarationDetails <DclrtDtls>	[0..*]	±		1983

#### 23.1.5.4.1 TransactionSequenceCounter <TxSeqCntr>

*Presence:* [1..1]

*Definition:* Sequential counter of the transaction.

*Datatype:* "Max9NumericText" on page 2428

#### 23.1.5.4.2 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in the exchange from the merchant to the issuer, with the corresponding timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "Traceability8" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 23.1.5.4.3 Environment <Envt>

*Presence:* [1..1]

*Definition:* Data related to the environment of the card payment transaction.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1903
	Merchant <Mrchnt>	[0..1]			1903
	Identification <Id>	[0..1]	±		1903
	CommonName <CmonNm>	[0..1]	Text		1904
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1904
	LocationAndContact <LctnAndCtct>	[0..1]	±		1904
	SchemeData <SchmeData>	[0..1]	Text		1905
	POI <POI>	[0..1]			1905
	Identification <Id>	[1..1]	±		1905
	SystemName <SysNm>	[0..1]	Text		1906
	GroupIdentification <GrpId>	[0..1]	Text		1906
	Capabilities <Cpblties>	[0..1]	±		1906
	TimeZone <TmZone>	[0..1]	Text		1907
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1907
	Component <Cmpnt>	[0..*]	±		1908
	Card <Card>	[0..1]			1910
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1911
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1911
	PlainCardData <PlainCardData>	[0..1]	±		1911
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1912
	MaskedPAN <MskdPAN>	[0..1]	Text		1912
	IssuerBIN <IssrBIN>	[0..1]	Text		1912
	CardCountryCode <CardCtryCd>	[0..1]	Text		1912
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1912
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1913
	CardBrand <CardBrnd>	[0..1]	Text		1913
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1913
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1913
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1913
	AllowedProduct <AllwdPdct>	[0..*]	Text		1913
	ServiceOption <SvcOptn>	[0..1]	Text		1914

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1914
	CustomerDevice <CstmrDvc>	[0..1]	±		1914
	Wallet <Wlt>	[0..1]	±		1914
	PaymentToken <PmtTkn>	[0..1]	±		1914
	Cardholder <Crhdldr>	[0..1]			1915
	Identification <Id>	[0..1]			1919
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1919
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1919
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1920
	DriverIdentification <DrvrId>	[0..1]	Text		1920
	CustomerNumber <CstmrNb>	[0..1]	Text		1920
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1920
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1920
	PassportNumber <PsptNb>	[0..1]	Text		1920
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1920
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1920
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1921
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1921
	JobNumber <JobNb>	[0..1]	Text		1921
	Department <Dept>	[0..1]	Text		1921
	EmailAddress <EmailAdr>	[0..1]	Text		1921
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1921
	BirthDate <BirthDt>	[1..1]	Date		1921
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1922
	CityOfBirth <CityOfBirth>	[1..1]	Text		1922
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1922
	Other <Othr>	[0..*]	±		1922
	Name <Nm>	[0..1]	Text		1922
	Language <Lang>	[0..1]	CodeSet	C3	1922
	BillingAddress <BllgAdr>	[0..1]	±		1923
	ShippingAddress <ShppgAdr>	[0..1]	±		1923



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TripNumber <TripNb>	[0..1]	Text		1924
	Vehicle <Vhcl>	[0..1]	±		1924
	Authentication <Authntcn>	[0..*]			1925
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1927
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1928
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1929
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1929
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1929
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1929
	PINFormat <PINFrmt>	[1..1]	CodeSet		1930
	AdditionalInput <AddtlInpt>	[0..1]	Text		1930
	CardholderIdentification <Crdhldrld>	[0..1]			1930
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1931
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1931
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1931
	DriverIdentification <Drvrld>	[0..1]	Text		1932
	CustomerNumber <CstmrNb>	[0..1]	Text		1932
	SocialSecurityNumber <ScfSctyNb>	[0..1]	Text		1932
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1932
	PassportNumber <PsptNb>	[0..1]	Text		1932
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1932
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1932
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1932
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1933
	JobNumber <JobNb>	[0..1]	Text		1933
	Department <Dept>	[0..1]	Text		1933
	EmailAddress <EmailAdr>	[0..1]	Text		1933
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1933
	BirthDate <BirthDt>	[1..1]	Date		1933
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1933
	CityOfBirth <CityOfBirth>	[1..1]	Text		1934

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1934
	Other <Othr>	[0..*]	±		1934
	AddressVerification <AdrVrfctn>	[0..1]			1934
	AddressDigits <AdrDgts>	[0..1]	Text		1934
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1935
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1935
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1935
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1935
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1935
	Identification <Id>	[1..1]	Text		1936
	Value <Val>	[0..1]	Binary		1936
	ProtectedValue <PrctcdVal>	[0..1]	±		1936
	Type <Tp>	[0..1]	Text		1936
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1936
	Method <Mtd>	[1..1]	CodeSet		1937
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1938
	Result <Rslt>	[0..1]	CodeSet		1938
	AdditionalResult <AddtlRslt>	[0..1]	Text		1938
	PersonalData <PrsnlData>	[0..1]	Text		1939
	MobileData <MobData>	[0..*]			1939
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1939
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1939
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1940
	Geolocation <Glctn>	[0..1]			1940
	GeographicCoordinates <GeogcCordints>	[0..1]			1940
	Latitude <Lat>	[1..1]	Text		1940
	Longitude <Long>	[1..1]	Text		1940
	UTMCoordinates <UTMCordints>	[0..1]			1941
	UTMZone <UTMZone>	[1..1]	Text		1941
	UTMEastward <UTMEstwr>	[1..1]	Text		1941
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1941

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SensitiveMobileData <SnstvMobData>	[0..1]			1941
	MSISDN <MSISDN>	[1..1]	Text		1942
	IMSI <IMSI>	[0..1]	Text		1942
	IMEI <IMEI>	[0..1]	Text		1942
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1942
	ProtectedCardholderData <PrtctdCrdrHldrData>	[0..1]	±		1942

#### 23.1.5.4.3.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 23.1.5.4.3.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

*Usage:* In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	CommonName <CmonNm>	[0..1]	Text		1904
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1904
	LocationAndContact <LctnAndCtct>	[0..1]	±		1904
	SchemeData <SchmeData>	[0..1]	Text		1905

##### 23.1.5.4.3.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 23.1.5.4.3.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 23.1.5.4.3.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 23.1.5.4.3.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 23.1.5.4.3.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 23.1.5.4.3.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		1905
	SystemName <SysNm>	[0..1]	Text		1906
	GroupIdentification <GrpId>	[0..1]	Text		1906
	Capabilities <Cpblties>	[0..1]	±		1906
	TimeZone <TmZone>	[0..1]	Text		1907
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1907
	Component <Cmpnt>	[0..*]	±		1908

#### 23.1.5.4.3.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 23.1.5.4.3.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 23.1.5.4.3.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 23.1.5.4.3.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 23.1.5.4.3.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.4.3.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 23.1.5.4.3.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.



**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 23.1.5.4.3.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1911
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1911
	PlainCardData <PlainCardData>	[0..1]	±		1911
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1912
	MaskedPAN <MskdPAN>	[0..1]	Text		1912
	IssuerBIN <IssrBIN>	[0..1]	Text		1912
	CardCountryCode <CardCtryCd>	[0..1]	Text		1912
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1912
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1913
	CardBrand <CardBrnd>	[0..1]	Text		1913
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1913
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1913
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1913
	AllowedProduct <AllwdPdct>	[0..*]	Text		1913
	ServiceOption <SvcOptn>	[0..1]	Text		1914
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1914

#### 23.1.5.4.3.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.4.3.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.4.3.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData <PlainCardData>** contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 23.1.5.4.3.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.4.3.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 23.1.5.4.3.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 23.1.5.4.3.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 23.1.5.4.3.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 23.1.5.4.3.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 23.1.5.4.3.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.4.3.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.4.3.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.4.3.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 23.1.5.4.3.6 Wallet <Wilt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wilt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 23.1.5.4.3.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 23.1.5.4.3.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			1919
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1919
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1919
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1920
	DriverIdentification <DrvrId>	[0..1]	Text		1920
	CustomerNumber <CstmrNb>	[0..1]	Text		1920
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1920
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1920
	PassportNumber <PsptNb>	[0..1]	Text		1920
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1920
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1920
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1921
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1921
	JobNumber <JobNb>	[0..1]	Text		1921
	Department <Dept>	[0..1]	Text		1921
	EmailAddress <EmailAdr>	[0..1]	Text		1921
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1921
	BirthDate <BirthDt>	[1..1]	Date		1921
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1922
	CityOfBirth <CityOfBirth>	[1..1]	Text		1922
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1922
	Other <Othr>	[0..*]	±		1922
	Name <Nm>	[0..1]	Text		1922
	Language <Lang>	[0..1]	CodeSet	C3	1922
	BillingAddress <BllgAdr>	[0..1]	±		1923
	ShippingAddress <ShppgAdr>	[0..1]	±		1923
	TripNumber <TripNb>	[0..1]	Text		1924
	Vehicle <Vhcl>	[0..1]	±		1924
	Authentication <Authntcn>	[0..*]			1925
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1927
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1928



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1929
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1929
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1929
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1929
	PINFormat <PINFrmt>	[1..1]	CodeSet		1930
	AdditionalInput <AddtlInpt>	[0..1]	Text		1930
	CardholderIdentification <CrhdldrId>	[0..1]			1930
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1931
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1931
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1931
	DriverIdentification <DrvrId>	[0..1]	Text		1932
	CustomerNumber <CstmrNb>	[0..1]	Text		1932
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		1932
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1932
	PassportNumber <PsptNb>	[0..1]	Text		1932
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1932
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1932
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1932
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1933
	JobNumber <JobNb>	[0..1]	Text		1933
	Department <Dept>	[0..1]	Text		1933
	EmailAddress <EmailAdr>	[0..1]	Text		1933
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1933
	BirthDate <BirthDt>	[1..1]	Date		1933
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1933
	CityOfBirth <CityOfBirth>	[1..1]	Text		1934
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1934
	Other <Othr>	[0..*]	±		1934
	AddressVerification <AdrVrfctn>	[0..1]			1934
	AddressDigits <AdrDgts>	[0..1]	Text		1934
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1935

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1935
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1935
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1935
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1935
	Identification <Id>	[1..1]	Text		1936
	Value <Val>	[0..1]	Binary		1936
	ProtectedValue <PrctcdVal>	[0..1]	±		1936
	Type <Tp>	[0..1]	Text		1936
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1936
	Method <Mtd>	[1..1]	CodeSet		1937
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1938
	Result <Rslt>	[0..1]	CodeSet		1938
	AdditionalResult <AddtlRslt>	[0..1]	Text		1938
	PersonalData <PrsnlData>	[0..1]	Text		1939
	MobileData <MobData>	[0..*]			1939
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1939
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1939
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1940
	Geolocation <Glctn>	[0..1]			1940
	GeographicCoordinates <GeogcCordints>	[0..1]			1940
	Latitude <Lat>	[1..1]	Text		1940
	Longitude <Long>	[1..1]	Text		1940
	UTMCoordinates <UTMCordints>	[0..1]			1941
	UTMZone <UTMZone>	[1..1]	Text		1941
	UTMEastward <UTMEstwr>	[1..1]	Text		1941
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1941
	SensitiveMobileData <SnstvMobData>	[0..1]			1941
	MSISDN <MSISDN>	[1..1]	Text		1942
	IMSI <IMSI>	[0..1]	Text		1942
	IMEI <IMEI>	[0..1]	Text		1942
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1942

### 23.1.5.4.3.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1919
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1919
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1920
	DriverIdentification <DrvrId>	[0..1]	Text		1920
	CustomerNumber <CstmrNb>	[0..1]	Text		1920
	SocialSecurityNumber <ScIscItyNb>	[0..1]	Text		1920
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1920
	PassportNumber <PsptNb>	[0..1]	Text		1920
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1920
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1920
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1921
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1921
	JobNumber <JobNb>	[0..1]	Text		1921
	Department <Dept>	[0..1]	Text		1921
	EmailAddress <EmailAdr>	[0..1]	Text		1921
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1921
	BirthDate <BirthDt>	[1..1]	Date		1921
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1922
	CityOfBirth <CityOfBirth>	[1..1]	Text		1922
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1922
	Other <Othr>	[0..*]	±		1922

#### 23.1.5.4.3.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

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*Datatype:* "Max35Text" on page 2426

**23.1.5.4.3.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

**23.1.5.4.3.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

**23.1.5.4.3.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

**23.1.5.4.3.8.1.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

**23.1.5.4.3.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

**23.1.5.4.3.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

**23.1.5.4.3.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

**23.1.5.4.3.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 23.1.5.4.3.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		1921
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1922
	CityOfBirth <CityOfBirth>	[1..1]	Text		1922
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1922

#### 23.1.5.4.3.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 23.1.5.4.3.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 23.1.5.4.3.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 23.1.5.4.3.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 23.1.5.4.3.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 23.1.5.4.3.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 23.1.5.4.3.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 23.1.5.4.3.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.



**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 23.1.5.4.3.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1927
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1928
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1929
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1929
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1929
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1929
	PINFormat <PINFrmt>	[1..1]	CodeSet		1930
	AdditionalInput <AddtlInpt>	[0..1]	Text		1930
	CardholderIdentification <Crhdldrld>	[0..1]			1930
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1931
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1931
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1931
	DriverIdentification <Drvrld>	[0..1]	Text		1932
	CustomerNumber <CstmrNb>	[0..1]	Text		1932
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		1932
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1932
	PassportNumber <PsptNb>	[0..1]	Text		1932
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1932
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1932
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1932
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1933
	JobNumber <JobNb>	[0..1]	Text		1933
	Department <Dept>	[0..1]	Text		1933
	EmailAddress <EmailAdr>	[0..1]	Text		1933
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1933
	BirthDate <BirthDt>	[1..1]	Date		1933
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1933
	CityOfBirth <CityOfBirth>	[1..1]	Text		1934
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1934
	Other <Othr>	[0..*]	±		1934
	AddressVerification <AdrVrfctn>	[0..1]			1934

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		1934
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1935
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1935
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1935
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1935
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1935
	Identification <Id>	[1..1]	Text		1936
	Value <Val>	[0..1]	Binary		1936
	ProtectedValue <PrctcdVal>	[0..1]	±		1936
	Type <Tp>	[0..1]	Text		1936

#### 23.1.5.4.3.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 23.1.5.4.3.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 23.1.5.4.3.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 23.1.5.4.3.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.4.3.8.8.5 CardholderOnLinePIN <CrhdldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrhdldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1929
	PINFormat <PINFrmt>	[1..1]	CodeSet		1930
	AdditionalInput <AddtlInpt>	[0..1]	Text		1930

#### 23.1.5.4.3.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.4.3.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 23.1.5.4.3.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.8.6 CardholderIdentification <Crdhldrld>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1931
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1931
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1931
	DriverIdentification <DrvrId>	[0..1]	Text		1932
	CustomerNumber <CstmrNb>	[0..1]	Text		1932
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		1932
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1932
	PassportNumber <PsptNb>	[0..1]	Text		1932
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1932
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1932
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1932
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1933
	JobNumber <JobNb>	[0..1]	Text		1933
	Department <Dept>	[0..1]	Text		1933
	EmailAddress <EmailAdr>	[0..1]	Text		1933
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1933
	BirthDate <BirthDt>	[1..1]	Date		1933
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1933
	CityOfBirth <CityOfBirth>	[1..1]	Text		1934
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1934
	Other <Othr>	[0..*]	±		1934

#### 23.1.5.4.3.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.4.3.8.8.6.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.4.3.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.4.3.8.8.6.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.4.3.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.4.3.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.4.3.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.4.3.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.4.3.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426



#### 23.1.5.4.3.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 23.1.5.4.3.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		1933
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1933
	CityOfBirth <CityOfBirth>	[1..1]	Text		1934
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	1934

##### 23.1.5.4.3.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 23.1.5.4.3.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 23.1.5.4.3.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 23.1.5.4.3.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		1934
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1935

#### 23.1.5.4.3.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

#### 23.1.5.4.3.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 23.1.5.4.3.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 23.1.5.4.3.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1936
	Value <Val>	[0..1]	Binary		1936
	ProtectedValue <PrctcdVal>	[0..1]	±		1936
	Type <Tp>	[0..1]	Text		1936

#### 23.1.5.4.3.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.4.3.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.4.3.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstddData>	[0..1]	±		2334

#### 23.1.5.4.3.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.4.3.8.9 TransactionVerificationResult <TxVrfctnRsIt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		1937
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1938
	Result <RsIt>	[0..1]	CodeSet		1938
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1938

#### 23.1.5.4.3.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 23.1.5.4.3.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 23.1.5.4.3.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 23.1.5.4.3.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 23.1.5.4.3.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.4.3.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1939
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1939
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1940
	Geolocation <Glctn>	[0..1]			1940
	GeographicCoordinates <GeogcCordints>	[0..1]			1940
	Latitude <Lat>	[1..1]	Text		1940
	Longitude <Long>	[1..1]	Text		1940
	UTMCoordinates <UTMCordints>	[0..1]			1941
	UTMZone <UTMZone>	[1..1]	Text		1941
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1941
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1941
	SensitiveMobileData <SnstvlMobData>	[0..1]			1941
	MSISDN <MSISDN>	[1..1]	Text		1942
	IMSI <IMSI>	[0..1]	Text		1942
	IMEI <IMEI>	[0..1]	Text		1942
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1942

##### 23.1.5.4.3.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

##### 23.1.5.4.3.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

### 23.1.5.4.3.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.4.3.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	GeographicCoordinates <GeogcCordints>	[0..1]			1940
	Latitude <Lat>	[1..1]	Text		1940
	Longitude <Long>	[1..1]	Text		1940
	UTMCoordinates <UTMCordints>	[0..1]			1941
	UTMZone <UTMZone>	[1..1]	Text		1941
	UTMEastward <UTMEstwr>	[1..1]	Text		1941
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1941

#### 23.1.5.4.3.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Latitude <Lat>	[1..1]	Text		1940
	Longitude <Long>	[1..1]	Text		1940

#### 23.1.5.4.3.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.3.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.



The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.4.3.8.11.4.2 UTMCoordinates <UTMCordints>**

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		1941
	UTMEastward <UTMEstwr>	[1..1]	Text		1941
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1941

##### **23.1.5.4.3.8.11.4.2.1 UTMZone <UTMZone>**

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.4.3.8.11.4.2.2 UTMEastward <UTMEstwr>**

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.4.3.8.11.4.2.3 UTMNorthward <UTMNrthwr>**

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.4.3.8.11.5 SensitiveMobileData <SnstvMobData>**

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MSISDN <MSISDN>	[1..1]	Text		1942
	IMSI <IMSI>	[0..1]	Text		1942
	IMEI <IMEI>	[0..1]	Text		1942

#### 23.1.5.4.3.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.4.3.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.4.3.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.4.3.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.4.3.9 ProtectedCardholderData <PrtctdCrdhldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.4.4 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Card payment transaction authorisation result.

**Transaction <Tx>** contains the following **CardPaymentTransaction93** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1946
	TransactionIdentification <TxId>	[1..1]	±		1946
	InitiatorTransactionIdentification <IntrTxId>	[0..1]	Text		1946
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1946
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1946
	InterchangeData <IntrchgData>	[0..1]	Text		1946
	TransactionDetails <TxDtls>	[1..1]			1946
	Currency <Ccy>	[0..1]	CodeSet	C1	1948
	TotalAmount <TtlAmt>	[1..1]	Amount		1949
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1949
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1949
	DetailedAmount <DtldAmt>	[0..1]	±		1949
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1950
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1950
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1950
	ValidityDate <VldtyDt>	[0..1]	Date		1950
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1950
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1951
	AccountType <AcctTp>	[0..1]	CodeSet		1951
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1952
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1954
	Conversion <Convs>	[0..1]			1954
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1955
	TargetCurrency <TrgtCcy>	[1..1]			1956
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1956
	NumericCode <NmrcCd>	[1..1]	Text		1956
	Decimal <Dcml>	[1..1]	Quantity		1956
	Name <Nm>	[0..1]	Text		1956
	ResultingAmount <RsltAmt>	[1..1]	Amount		1956
	ExchangeRate <XchgRate>	[1..1]	Rate		1957
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1957

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		1957
	ValidUntil <VldUntil>	[0..1]	DateTime		1957
	SourceCurrency <SrcCcy>	[1..1]			1957
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1957
	NumericCode <NmrcCd>	[0..1]	Text		1958
	Decimal <Dcml>	[0..1]	Quantity		1958
	Name <Nm>	[0..1]	Text		1958
	OriginalAmount <OrgnlAmt>	[1..1]			1958
	ActualAmount <ActlAmt>	[0..1]	Amount		1958
	MinimumAmount <MinAmt>	[0..1]	Amount		1958
	MaximumAmount <MaxAmt>	[0..1]	Amount		1959
	CommissionDetails <ComssnDtls>	[0..*]			1959
	Amount <Amt>	[1..1]	Amount		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	MarkUpDetails <MrkUpDtls>	[0..*]			1959
	Rate <Rate>	[1..1]	Rate		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	DeclarationDetails <DclrnDtls>	[0..*]	±		1960
	Instalment <Instlmt>	[0..1]	±		1960
	AggregationTransaction <AggtnTx>	[0..1]	±		1961
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1961
	SaleItem <SaleItm>	[0..*]	±		1962
	DeliveryLocation <DlrvyLctn>	[0..1]	Text		1962
	AdditionalInformation <AddtlInf>	[0..*]			1962
	Identification <Id>	[1..1]	Text		1963
	Value <Val>	[0..1]	Binary		1963
	ProtectedValue <PrctdVal>	[0..1]	±		1963
	Type <Tp>	[0..1]	Text		1963
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1963
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1964

#### 23.1.5.4.4.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.4.2 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 23.1.5.4.4.3 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.4.4 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 23.1.5.4.4.5 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.4.6 InterchangeData <IntrchnngData>

*Presence:* [0..1]

*Definition:* Interchange information related to the card scheme.

*Datatype:* "Max140Text" on page 2424

#### 23.1.5.4.4.7 TransactionDetails <TxDtls>

*Presence:* [1..1]

*Definition:* Detail of the transaction transported.

**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1948
	TotalAmount <TtlAmt>	[1..1]	Amount		1949
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1949
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1949
	DetailedAmount <DtldAmt>	[0..1]	±		1949
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1950
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1950
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1950
	ValidityDate <VldtyDt>	[0..1]	Date		1950
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1950
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		1951
	AccountType <AcctTp>	[0..1]	CodeSet		1951
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1952
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1954
	Conversion <Convs>	[0..1]			1954
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1955
	TargetCurrency <TrgtCcy>	[1..1]			1956
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1956
	NumericCode <NmrcCd>	[1..1]	Text		1956
	Decimal <Dcml>	[1..1]	Quantity		1956
	Name <Nm>	[0..1]	Text		1956
	ResultingAmount <RsltgAmt>	[1..1]	Amount		1956
	ExchangeRate <XchgRate>	[1..1]	Rate		1957
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1957
	QuotationDate <QtnDt>	[0..1]	DateTime		1957
	ValidUntil <VldUntil>	[0..1]	DateTime		1957
	SourceCurrency <SrcCcy>	[1..1]			1957
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1957
	NumericCode <NmrcCd>	[0..1]	Text		1958
	Decimal <Dcml>	[0..1]	Quantity		1958
	Name <Nm>	[0..1]	Text		1958

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[1..1]			1958
	ActualAmount <ActlAmt>	[0..1]	Amount		1958
	MinimumAmount <MinAmt>	[0..1]	Amount		1958
	MaximumAmount <MaxAmt>	[0..1]	Amount		1959
	CommissionDetails <ComssnDtls>	[0..*]			1959
	Amount <Amt>	[1..1]	Amount		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	MarkUpDetails <MrkUpDtls>	[0..*]			1959
	Rate <Rate>	[1..1]	Rate		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	DeclarationDetails <DclrtDtls>	[0..*]	±		1960
	Instalment <Instlmt>	[0..1]	±		1960
	AggregationTransaction <AggtnTx>	[0..1]	±		1961
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1961
	SaleItem <Saleitm>	[0..*]	±		1962
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1962
	AdditionalInformation <AddtlInf>	[0..*]			1962
	Identification <Id>	[1..1]	Text		1963
	Value <Val>	[0..1]	Binary		1963
	ProtectedValue <PrctcdVal>	[0..1]	±		1963
	Type <Tp>	[0..1]	Text		1963
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1963

#### 23.1.5.4.4.7.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217



Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.4.4.7.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.4.4.7.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

*Definition:* Contains the updated amount of all authorisations related to the same business transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.4.4.7.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2416

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

#### 23.1.5.4.4.7.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

*Definition:* Detailed amounts associated with the total amount of transaction.

**DetailedAmount <DtldAmt>** contains the following elements (see "DetailedAmount15" on page 1841 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1841
	CashBack <CshBck>	[0..1]	Amount		1841
	Gratuity <Grtty>	[0..1]	Amount		1842
	Fees <Fees>	[0..*]	±		1842
	Rebate <Rbt>	[0..*]	±		1842
	ValueAddedTax <ValAddedTax>	[0..*]	±		1842
	Surcharge <Srchr>	[0..*]	±		1842

#### 23.1.5.4.4.7.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.4.4.7.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.4.4.7.8 InvoiceAmount <InvcAmt>

*Presence:* [0..1]

*Definition:* Amount of the transaction that will be invoiced to the cardholder.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.4.4.7.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 23.1.5.4.4.7.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason1Code" on page 2407

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.

CodeName	Name	Definition
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.

#### 23.1.5.4.4.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended POI (Point Of Interaction).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.4.4.7.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.

CodeName	Name	Definition
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 23.1.5.4.4.7.13 CurrencyConversionResult <CcyConvsRslt>

*Presence:* [0..1]

*Definition:* Result of the currency conversion proposed to the cardholder.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1954
	Conversion <Convs>	[0..1]			1954
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1955
	TargetCurrency <TrgtCcy>	[1..1]			1956
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1956
	NumericCode <NmrcCd>	[1..1]	Text		1956
	Decimal <Dcml>	[1..1]	Quantity		1956
	Name <Nm>	[0..1]	Text		1956
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		1956
	ExchangeRate <XchgRate>	[1..1]	Rate		1957
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1957
	QuotationDate <QtnDt>	[0..1]	DateTime		1957
	ValidUntil <VldUntil>	[0..1]	DateTime		1957
	SourceCurrency <SrcCcy>	[1..1]			1957
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1957
	NumericCode <NmrcCd>	[0..1]	Text		1958
	Decimal <Dcml>	[0..1]	Quantity		1958
	Name <Nm>	[0..1]	Text		1958
	OriginalAmount <OrgnlAmt>	[1..1]			1958
	ActualAmount <ActlAmt>	[0..1]	Amount		1958
	MinimumAmount <MinAmt>	[0..1]	Amount		1958
	MaximumAmount <MaxAmt>	[0..1]	Amount		1959
	CommissionDetails <ComssnDtls>	[0..*]			1959
	Amount <Amt>	[1..1]	Amount		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	MarkUpDetails <MrkUpDtls>	[0..*]			1959
	Rate <Rate>	[1..1]	Rate		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1960

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#### **23.1.5.4.4.7.13.1 AcceptedByCardholder <AcptdByCrdhldr>**

*Presence:* [0..1]

*Definition:* True if the cardholder has accepted the currency conversion that the acquirer has proposed.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **23.1.5.4.4.7.13.2 Conversion <Convs>**

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

**Conversion <Convs>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1955
	TargetCurrency <TrgtCcy>	[1..1]			1956
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1956
	NumericCode <NmrcCd>	[1..1]	Text		1956
	Decimal <Dcml>	[1..1]	Quantity		1956
	Name <Nm>	[0..1]	Text		1956
	ResultingAmount <RsltAmt>	[1..1]	Amount		1956
	ExchangeRate <XchgRate>	[1..1]	Rate		1957
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1957
	QuotationDate <QtnDt>	[0..1]	DateTime		1957
	ValidUntil <VldUntil>	[0..1]	DateTime		1957
	SourceCurrency <SrcCcy>	[1..1]			1957
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1957
	NumericCode <NmrcCd>	[0..1]	Text		1958
	Decimal <Dcml>	[0..1]	Quantity		1958
	Name <Nm>	[0..1]	Text		1958
	OriginalAmount <OrgnlAmt>	[1..1]			1958
	ActualAmount <ActlAmt>	[0..1]	Amount		1958
	MinimumAmount <MinAmt>	[0..1]	Amount		1958
	MaximumAmount <MaxAmt>	[0..1]	Amount		1959
	CommissionDetails <ComssnDtls>	[0..*]			1959
	Amount <Amt>	[1..1]	Amount		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	MarkUpDetails <MrkUpDtls>	[0..*]			1959
	Rate <Rate>	[1..1]	Rate		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959
	DeclarationDetails <DclrtDtls>	[0..*]	±		1960

#### 23.1.5.4.4.7.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.4.4.7.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1956
	NumericCode <NmrcCd>	[1..1]	Text		1956
	Decimal <Dcml>	[1..1]	Quantity		1956
	Name <Nm>	[0..1]	Text		1956

#### 23.1.5.4.4.7.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.4.4.7.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 23.1.5.4.4.7.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 23.1.5.4.4.7.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.4.7.13.2.3 ResultingAmount <RsltgAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.



*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### **23.1.5.4.4.7.13.2.4 ExchangeRate <XchgRate>**

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### **23.1.5.4.4.7.13.2.5 InvertedExchangeRate <NvtrdXchgRate>**

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### **23.1.5.4.4.7.13.2.6 QuotationDate <QtnDt>**

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### **23.1.5.4.4.7.13.2.7 ValidUntil <VldUntil>**

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### **23.1.5.4.4.7.13.2.8 SourceCurrency <SrcCcy>**

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1957
	NumericCode <NmrcCd>	[0..1]	Text		1958
	Decimal <Dcml>	[0..1]	Quantity		1958
	Name <Nm>	[0..1]	Text		1958

##### **23.1.5.4.4.7.13.2.8.1 AlphaCode <AlphaCd>**

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.4.4.7.13.2.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 23.1.5.4.4.7.13.2.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 23.1.5.4.4.7.13.2.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.4.7.13.2.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1958
	MinimumAmount <MinAmt>	[0..1]	Amount		1958
	MaximumAmount <MaxAmt>	[0..1]	Amount		1959

#### 23.1.5.4.4.7.13.2.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.4.4.7.13.2.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.5.4.4.7.13.2.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.5.4.4.7.13.2.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959

#### 23.1.5.4.4.7.13.2.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.4.4.7.13.2.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

### 23.1.5.4.4.7.13.2.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1959
	AdditionalInformation <AddtlInf>	[0..1]	Text		1959

#### 23.1.5.4.4.7.13.2.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

#### 23.1.5.4.4.7.13.2.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

#### 23.1.5.4.4.7.13.2.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

#### 23.1.5.4.4.7.14 Instalment <Instlmt>

*Presence:* [0..1]

*Definition:* Data related to a financial loan (instalment) or to a recurring transaction.

**Instalment <Instlmt>** contains the following elements (see "[RecurringTransaction2](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2317
	PlanIdentification <PlanId>	[0..1]	Text		2317
	SequenceNumber <SeqNb>	[0..1]	Quantity		2317
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2317
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2318
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2318
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2318
	TotalAmount <TtlAmt>	[0..1]	Amount	C8	2318
	FirstAmount <FrstAmt>	[0..1]	Amount		2318
	Charges <Chrgs>	[0..1]	Amount		2319

#### 23.1.5.4.4.7.15 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see "[AggregationTransaction3](#)" on page 2278 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2278
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2278
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2279
	IndividualPayment <IndvPmt>	[0..*]			2279
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Lbl>	[0..1]	Text		2280

#### 23.1.5.4.4.7.16 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2424

#### 23.1.5.4.4.7.17 SaleItem <SaleItm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2304
	ProductCode <PdctCd>	[1..1]	Text		2304
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2304
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2305
	ProductQuantity <PdctQty>	[0..1]	Quantity		2306
	UnitPrice <UnitPric>	[0..1]	Amount		2306
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2307
	ProductAmount <PdctAmt>	[1..1]	Amount		2307
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2307
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2307
	TaxType <TaxTp>	[0..1]	Text		2307
	ProductDescription <PdctDesc>	[0..1]	Text		2307
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2307
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2308
	SaleChannel <SaleChanl>	[0..1]	Text		2308
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2308

#### 23.1.5.4.4.7.18 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

*Definition:* Location of the delivery, for instance pump number or parking bay.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.4.7.19 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

**AdditionalInformation <AddtlInf>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1963
	Value <Val>	[0..1]	Binary		1963
	ProtectedValue <PrctcdVal>	[0..1]	±		1963
	Type <Tp>	[0..1]	Text		1963

#### 23.1.5.4.4.7.19.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.4.4.7.19.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.4.4.7.19.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 23.1.5.4.4.7.19.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.4.4.7.20 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

#### **23.1.5.4.4.8 MerchantReferenceData <MrchntRefData>**

*Presence:* [0..1]

*Definition:* Merchant related information provided in the request.

*Datatype:* "Max70Text" on page 2427

#### **23.1.5.4.5 TransactionResponse <TxRspn>**

*Presence:* [1..1]

*Definition:* Response to the authorisation request from the acquirer.



**TransactionResponse <TxRspn>** contains the following **CardPaymentTransaction94** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRsIt>	[1..1]			1967
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1967
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1967
	Response <Rspn>	[1..1]	CodeSet		1968
	ResponseReason <RspnRsn>	[0..1]	Text		1968
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1968
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1968
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1968
	TMSTrigger <TMSTrggr>	[0..1]			1969
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1969
	TMSIdentification <TMSId>	[0..1]	Text		1969
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1969
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1969
	Method <Mtd>	[1..1]	CodeSet		1970
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1971
	Result <RsIt>	[0..1]	CodeSet		1971
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1971
	AllowedProductCode <AllwdPdctCd>	[0..*]			1972
	ProductCode <PdctCd>	[1..1]	Text		1972
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1972
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1972
	ProductCode <PdctCd>	[1..1]	Text		1972
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1972
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1972
	ProductCode <PdctCd>	[1..1]	Text		1973
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1973
	AmountLimit <AmtLmt>	[0..1]	Amount		1973
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1973
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1973
	Balance <Bal>	[0..1]	±		1975
	ProtectedBalance <PrctdBal>	[0..1]	±		1975

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Action <Actn>	[0..*]			1976
	ActionType <ActnTp>	[1..1]	CodeSet		1976
	MessageToPresent <MsgToPres>	[0..1]	±		1977
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1977
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1978
	TargetCurrency <TrgtCcy>	[1..1]			1979
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1979
	NumericCode <NmrcCd>	[1..1]	Text		1979
	Decimal <Dcml>	[1..1]	Quantity		1979
	Name <Nm>	[0..1]	Text		1979
	ResultingAmount <RsltgAmt>	[1..1]	Amount		1980
	ExchangeRate <XchgRate>	[1..1]	Rate		1980
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1980
	QuotationDate <QtnDt>	[0..1]	DateTime		1980
	ValidUntil <VldUntil>	[0..1]	DateTime		1980
	SourceCurrency <SrcCcy>	[1..1]			1980
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1980
	NumericCode <NmrcCd>	[0..1]	Text		1981
	Decimal <Dcml>	[0..1]	Quantity		1981
	Name <Nm>	[0..1]	Text		1981
	OriginalAmount <OrgnlAmt>	[1..1]			1981
	ActualAmount <ActlAmt>	[0..1]	Amount		1981
	MinimumAmount <MinAmt>	[0..1]	Amount		1981
	MaximumAmount <MaxAmt>	[0..1]	Amount		1982
	CommissionDetails <ComssnDtls>	[0..*]			1982
	Amount <Amt>	[1..1]	Amount		1982
	AdditionalInformation <AddtlInf>	[0..1]	Text		1982
	MarkUpDetails <MrkUpDtls>	[0..*]			1982
	Rate <Rate>	[1..1]	Rate		1982
	AdditionalInformation <AddtlInf>	[0..1]	Text		1983
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1983

### 23.1.5.4.5.1 AuthorisationResult <AuthstnRslt>

*Presence:* [1..1]

*Definition:* Outcome of the authorisation, and actions to perform.

**AuthorisationResult <AuthstnRslt>** contains the following **AuthorisationResult14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1967
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1967
	Response <Rspn>	[1..1]	CodeSet		1968
	ResponseReason <RspnRsn>	[0..1]	Text		1968
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1968
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1968
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1968
	TMSTrigger <TMSTrggr>	[0..1]			1969
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1969
	TMSIdentification <TMSId>	[0..1]	Text		1969
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1969

#### 23.1.5.4.5.1.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 2250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2250
	Type <Tp>	[1..1]	CodeSet		2250
	Issuer <Issr>	[0..1]	CodeSet		2250
	Country <Ctry>	[0..1]	Text		2251
	ShortName <ShrtNm>	[0..1]	Text		2251

#### 23.1.5.4.5.1.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation request.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1968
	ResponseReason <RspnRsn>	[0..1]	Text		1968
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1968

#### 23.1.5.4.5.1.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response9Code" on page 2415

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

#### 23.1.5.4.5.1.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.5.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

#### 23.1.5.4.5.1.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Min6Max8Text" on page 2429

#### 23.1.5.4.5.1.4 CompletionRequired <CmpltnReqrd>

*Presence:* [0..1]

*Definition:* Indicates whether the acquirer requires a further exchange completion after the completion of the transaction.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.4.5.1.5 TMSTrigger <TMSTrgr>

*Presence:* [0..1]

*Definition:* Instructs the point of interaction (POI) how to contact the host to initiate the maintenance of the terminal.

**TMSTrigger <TMSTrgr>** contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1969
	TMSIdentification <TMSId>	[0..1]	Text		1969
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1969

#### 23.1.5.4.5.1.5.1 TMSContactLevel <TMSCtctLvl>

*Presence:* [1..1]

*Definition:* Level of urgency in contacting the maintenance.

*Datatype:* "TMSContactLevel1Code" on page 2415

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

#### 23.1.5.4.5.1.5.2 TMSIdentification <TMSId>

*Presence:* [0..1]

*Definition:* Identification of the host to contact for the maintenance.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.5.1.5.3 TMSContactDateTime <TMSCtctDtTm>

*Presence:* [0..1]

*Definition:* Date and time for calling the maintenance.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.5.4.5.2 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of the verifications performed by the issuer to deliver or decline the authorisation.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		1970
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1971
	Result <RsIt>	[0..1]	CodeSet		1971
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1971

#### 23.1.5.4.5.2.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 23.1.5.4.5.2.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 23.1.5.4.5.2.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 23.1.5.4.5.2.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

### 23.1.5.4.5.3 AllowedProductCode <AllwdPdctCd>

*Presence:* [0..\*]

*Definition:* Product code which are allowed by the payment card.

**AllowedProductCode <AllwdPdctCd>** contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1972
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1972

#### 23.1.5.4.5.3.1 ProductCode <PdctCd>

*Presence:* [1..1]

*Definition:* Product code.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.4.5.3.2 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional product code related to the product.

*Datatype:* "Max70Text" on page 2427

### 23.1.5.4.5.4 NotAllowedProductCode <NotAllwdPdctCd>

*Presence:* [0..\*]

*Definition:* Product code not allowed by the payment card.

**NotAllowedProductCode <NotAllwdPdctCd>** contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1972
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1972

#### 23.1.5.4.5.4.1 ProductCode <PdctCd>

*Presence:* [1..1]

*Definition:* Product code.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.4.5.4.2 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional product code related to the product.

*Datatype:* "Max70Text" on page 2427

### 23.1.5.4.5.5 AdditionalAvailableProduct <AddtlAvlblPdct>

*Presence:* [0..\*]

*Definition:* Products that may be added to the purchase after the authorisation.



**AdditionalAvailableProduct <AddtlAvlblPdct>** contains the following **Product5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1973
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1973
	AmountLimit <AmtLmt>	[0..1]	Amount		1973
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1973
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1973

#### 23.1.5.4.5.5.1 ProductCode <PdctCd>

*Presence:* [1..1]

*Definition:* Product code of the item.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.4.5.5.2 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional product code related to the product.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.4.5.5.3 AmountLimit <AmtLmt>

*Presence:* [0..1]

*Definition:* Amount limit for the product.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.4.5.5.4 QuantityLimit <QtyLmt>

*Presence:* [0..1]

*Definition:* Quantity limit for the product.

*Datatype:* "DecimalNumber" on page 2422

#### 23.1.5.4.5.5.5 UnitOfMeasure <UnitOfMeasr>

*Presence:* [0..1]

*Definition:* Unit of measure of the item purchased.

*Datatype:* "UnitOfMeasure6Code" on page 2417

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.

CodeName	Name	Definition
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.

CodeName	Name	Definition
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

#### 23.1.5.4.5.6 Balance <Bal>

*Presence:* [0..1]

*Definition:* Balance and currency code of the account, related to the payment.

**Balance <Bal>** contains the following elements (see "[AmountAndDirection93](#)" on page 1840 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1840
	Currency <Ccy>	[1..1]	CodeSet	C1	1840
	Sign <Sgn>	[0..1]	Indicator		1841

#### 23.1.5.4.5.7 ProtectedBalance <PrctcdBal>

*Presence:* [0..1]

*Definition:* Encrypted balance of the account.

**ProtectedBalance <PrctcdBal>** contains the following elements (see "[ContentInformationType22](#)" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

### 23.1.5.4.5.8 Action <Actn>

*Presence:* [0..\*]

*Definition:* Set of actions to be performed by the POI (Point Of Interaction) system.

**Action <Actn>** contains the following **Action10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1976
	MessageToPresent <MsgToPres>	[0..1]	±		1977

#### 23.1.5.4.5.8.1 ActionType <ActnTp>

*Presence:* [1..1]

*Definition:* Type of action to be performed by the POI (Point Of Interaction) system.

*Datatype:* "ActionType9Code" on page 2378

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.

### 23.1.5.4.5.8.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

*Definition:* Message to be displayed to the cardholder or the cashier.

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

### 23.1.5.4.5.9 CurrencyConversionEligibility <CcyConvseElgblty>

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a card issuer, provided by a dedicated service provider. The currency conversion has to be proposed to the cardholder.

**CurrencyConversionEligibility <CcyConvslElgblty>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1978
	TargetCurrency <TrgtCcy>	[1..1]			1979
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1979
	NumericCode <NmrcCd>	[1..1]	Text		1979
	Decimal <Dcml>	[1..1]	Quantity		1979
	Name <Nm>	[0..1]	Text		1979
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		1980
	ExchangeRate <XchgRate>	[1..1]	Rate		1980
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1980
	QuotationDate <QtnDt>	[0..1]	DateTime		1980
	ValidUntil <VldUntil>	[0..1]	DateTime		1980
	SourceCurrency <SrcCcy>	[1..1]			1980
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1980
	NumericCode <NmrcCd>	[0..1]	Text		1981
	Decimal <Dcml>	[0..1]	Quantity		1981
	Name <Nm>	[0..1]	Text		1981
	OriginalAmount <OrgnlAmt>	[1..1]			1981
	ActualAmount <ActlAmt>	[0..1]	Amount		1981
	MinimumAmount <MinAmt>	[0..1]	Amount		1981
	MaximumAmount <MaxAmt>	[0..1]	Amount		1982
	CommissionDetails <ComssnDtls>	[0..*]			1982
	Amount <Amt>	[1..1]	Amount		1982
	AdditionalInformation <AddtlInf>	[0..1]	Text		1982
	MarkUpDetails <MrkUpDtls>	[0..*]			1982
	Rate <Rate>	[1..1]	Rate		1982
	AdditionalInformation <AddtlInf>	[0..1]	Text		1983
	DeclarationDetails <DclrtDtls>	[0..*]	±		1983

#### 23.1.5.4.5.9.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.5.9.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1979
	NumericCode <NmrcCd>	[1..1]	Text		1979
	Decimal <Dcml>	[1..1]	Quantity		1979
	Name <Nm>	[0..1]	Text		1979

##### 23.1.5.4.5.9.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

##### 23.1.5.4.5.9.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

##### 23.1.5.4.5.9.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

##### 23.1.5.4.5.9.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.4.5.9.3 ResultingAmount <RsltgAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.5.4.5.9.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

### 23.1.5.4.5.9.5 InvertedExchangeRate <NvrtdXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

### 23.1.5.4.5.9.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

### 23.1.5.4.5.9.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

### 23.1.5.4.5.9.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1980
	NumericCode <NmrcCd>	[0..1]	Text		1981
	Decimal <Dcml>	[0..1]	Quantity		1981
	Name <Nm>	[0..1]	Text		1981

#### 23.1.5.4.5.9.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).



*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.4.5.9.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 23.1.5.4.5.9.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 23.1.5.4.5.9.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.4.5.9.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1981
	MinimumAmount <MinAmt>	[0..1]	Amount		1981
	MaximumAmount <MaxAmt>	[0..1]	Amount		1982

#### 23.1.5.4.5.9.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.4.5.9.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* ["ImpliedCurrencyAndAmount" on page 2375](#)

#### 23.1.5.4.5.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* ["ImpliedCurrencyAndAmount" on page 2375](#)

#### 23.1.5.4.5.9.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1982
	AdditionalInformation <AddtlInf>	[0..1]	Text		1982

##### 23.1.5.4.5.9.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* ["ImpliedCurrencyAndAmount" on page 2375](#)

##### 23.1.5.4.5.9.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* ["Max350Text" on page 2426](#)

##### 23.1.5.4.5.9.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1982
	AdditionalInformation <AddtlInf>	[0..1]	Text		1983

##### 23.1.5.4.5.9.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* ["PercentageRate" on page 2423](#)

### 23.1.5.4.5.9.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

### 23.1.5.4.5.9.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

### 23.1.5.5 CardPaymentDataSetTransaction32

*Definition:* Card payment transaction to be authorised in a batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1991
	Traceability <Tracblt>	[0..*]	±		1992
	Environment <Envt>	[1..1]			1992
	Acquirer <Acqrr>	[0..1]	±		1997
	Merchant <Mrchnt>	[0..1]			1997
	Identification <Id>	[0..1]	±		1997
	CommonName <CmonNm>	[0..1]	Text		1998
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1998
	LocationAndContact <LctnAndCtct>	[0..1]	±		1998
	SchemeData <SchmeData>	[0..1]	Text		1999
	POI <POI>	[0..1]			1999
	Identification <Id>	[1..1]	±		1999
	SystemName <SysNm>	[0..1]	Text		2000
	GroupIdentification <GrpId>	[0..1]	Text		2000
	Capabilities <Cpblties>	[0..1]	±		2000
	TimeZone <TmZone>	[0..1]	Text		2001
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2001
	Component <Cmpnt>	[0..*]	±		2002
	Card <Card>	[0..1]			2004
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2005
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2005
	PlainCardData <PlainCardData>	[0..1]	±		2005
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2006
	MaskedPAN <MskdPAN>	[0..1]	Text		2006
	IssuerBIN <IssrBIN>	[0..1]	Text		2006
	CardCountryCode <CardCtryCd>	[0..1]	Text		2006
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2006
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2007
	CardBrand <CardBrnd>	[0..1]	Text		2007
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2007
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2007

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2007
	AllowedProduct <AllwdPdct>	[0..*]	Text		2007
	ServiceOption <SvcOptn>	[0..1]	Text		2008
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2008
	CustomerDevice <CstmrDvc>	[0..1]	±		2008
	Wallet <Wlt>	[0..1]	±		2008
	PaymentToken <PmtTkn>	[0..1]	±		2008
	Cardholder <Crdhldr>	[0..1]			2009
	Identification <Id>	[0..1]			2013
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2013
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2013
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2014
	DriverIdentification <DrvrId>	[0..1]	Text		2014
	CustomerNumber <CstmrNb>	[0..1]	Text		2014
	SocialSecurityNumber <ScfSctyNb>	[0..1]	Text		2014
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2014
	PassportNumber <PsptNb>	[0..1]	Text		2014
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2014
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2014
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2015
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2015
	JobNumber <JobNb>	[0..1]	Text		2015
	Department <Dept>	[0..1]	Text		2015
	EmailAddress <EmailAdr>	[0..1]	Text		2015
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2015
	BirthDate <BirthDt>	[1..1]	Date		2015
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2016
	CityOfBirth <CityOfBirth>	[1..1]	Text		2016
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2016
	Other <Othr>	[0..*]	±		2016
	Name <Nm>	[0..1]	Text		2016

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[0..1]	CodeSet	C3	2016
	BillingAddress <BlgAdr>	[0..1]	±		2017
	ShippingAddress <ShppgAdr>	[0..1]	±		2017
	TripNumber <TripNb>	[0..1]	Text		2018
	Vehicle <Vhcl>	[0..1]	±		2018
	Authentication <Authntcn>	[0..*]			2019
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2021
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2022
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2023
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		2023
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2023
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2023
	PINFormat <PINFrmt>	[1..1]	CodeSet		2024
	AdditionalInput <AddtlInpt>	[0..1]	Text		2024
	CardholderIdentification <Crhdldrid>	[0..1]			2024
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2025
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2025
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2025
	DriverIdentification <Drvrld>	[0..1]	Text		2026
	CustomerNumber <CstmrNb>	[0..1]	Text		2026
	SocialSecurityNumber <ScI/SctyNb>	[0..1]	Text		2026
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2026
	PassportNumber <PsptNb>	[0..1]	Text		2026
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2026
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2026
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2026
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2027
	JobNumber <JobNb>	[0..1]	Text		2027
	Department <Dept>	[0..1]	Text		2027
	EmailAddress <EmailAdr>	[0..1]	Text		2027
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2027

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2027
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2027
	CityOfBirth <CityOfBirth>	[1..1]	Text		2028
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2028
	Other <Othr>	[0..*]	±		2028
	AddressVerification <AdrVrfctn>	[0..1]			2028
	AddressDigits <AdrDgts>	[0..1]	Text		2028
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2029
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2029
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2029
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2029
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2029
	Identification <Id>	[1..1]	Text		2030
	Value <Val>	[0..1]	Binary		2030
	ProtectedValue <PrctcdVal>	[0..1]	±		2030
	Type <Tp>	[0..1]	Text		2030
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2030
	Method <Mtd>	[1..1]	CodeSet		2031
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2032
	Result <Rslt>	[0..1]	CodeSet		2032
	AdditionalResult <AddtlRslt>	[0..1]	Text		2032
	PersonalData <PrsnlData>	[0..1]	Text		2033
	MobileData <MobData>	[0..*]			2033
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2033
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2033
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2034
	Geolocation <Glctn>	[0..1]			2034
	GeographicCoordinates <GeogcCordints>	[0..1]			2034
	Latitude <Lat>	[1..1]	Text		2034
	Longitude <Long>	[1..1]	Text		2034
	UTMCoordinates <UTMCordints>	[0..1]			2035

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2035
	UTMEastward <UTMEstwr>	[1..1]	Text		2035
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2035
	SensitiveMobileData <SnstvMobData>	[0..1]			2035
	MSISDN <MSISDN>	[1..1]	Text		2036
	IMSI <IMSI>	[0..1]	Text		2036
	IMEI <IMEI>	[0..1]	Text		2036
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2036
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2036
	Context <Cntxt>	[0..1]	±		2037
	Transaction <Tx>	[1..1]			2040
	TransactionCapture <TxCaptr>	[1..1]	Indicator		2044
	TransactionType <TxTp>	[0..1]	CodeSet		2044
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2045
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2046
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2046
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2046
	CustomerConsent <CstmrCnsnt>	[0..*]	Indicator		2046
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2047
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2047
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2047
	TransactionIdentification <TxId>	[1..1]	±		2047
	OriginalTransaction <OrgnlTx>	[0..1]	±		2047
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2048
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2048
	TransactionDetails <TxDtls>	[1..1]			2048
	Currency <Ccy>	[0..1]	CodeSet	C1	2050
	TotalAmount <TtlAmt>	[1..1]	Amount		2051
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2051
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2051
	DetailedAmount <DtldAmt>	[0..1]	±		2051



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2052
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2052
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2052
	ValidityDate <VldtyDt>	[0..1]	Date		2052
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2052
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		2053
	AccountType <AcctTp>	[0..1]	CodeSet		2053
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2054
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2056
	Conversion <Convs>	[0..1]			2056
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2057
	TargetCurrency <TrgtCcy>	[1..1]			2058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2058
	NumericCode <NmrcCd>	[1..1]	Text		2058
	Decimal <Dcml>	[1..1]	Quantity		2058
	Name <Nm>	[0..1]	Text		2058
	ResultingAmount <RsltAmt>	[1..1]	Amount		2058
	ExchangeRate <XchgRate>	[1..1]	Rate		2059
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2059
	QuotationDate <QtnDt>	[0..1]	DateTime		2059
	ValidUntil <VldUntil>	[0..1]	DateTime		2059
	SourceCurrency <SrcCcy>	[1..1]			2059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2059
	NumericCode <NmrcCd>	[0..1]	Text		2060
	Decimal <Dcml>	[0..1]	Quantity		2060
	Name <Nm>	[0..1]	Text		2060
	OriginalAmount <OrgnlAmt>	[1..1]			2060
	ActualAmount <ActlAmt>	[0..1]	Amount		2060
	MinimumAmount <MinAmt>	[0..1]	Amount		2060
	MaximumAmount <MaxAmt>	[0..1]	Amount		2061
	CommissionDetails <ComssnDtls>	[0..*]			2061

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	MarkUpDetails <MrkUpDtls>	[0..*]			2061
	Rate <Rate>	[1..1]	Rate		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	DeclarationDetails <DclrtDtls>	[0..*]	±		2062
	Instalment <Instlmt>	[0..1]	±		2062
	AggregationTransaction <AggtTx>	[0..1]	±		2063
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2063
	SaleItem <Saleitm>	[0..*]	±		2064
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2064
	AdditionalInformation <AddtlInf>	[0..*]			2064
	Identification <Id>	[1..1]	Text		2065
	Value <Val>	[0..1]	Binary		2065
	ProtectedValue <PrtctdVal>	[0..1]	±		2065
	Type <Tp>	[0..1]	Text		2065
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2065
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2066
	AccountFrom <AcctFr>	[0..1]			2066
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2066
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2067
	AccountName <AcctNm>	[0..1]	Text		2068
	AccountOwner <AcctOwnr>	[0..1]			2068
	Name <Nm>	[1..1]	Text		2068
	Address <Adr>	[1..1]	±		2068
	Currency <Ccy>	[0..1]	CodeSet	C1	2069
	AccountIdentifier <Acctldr>	[0..1]			2069
{Or	Card <Card>	[1..1]	Text		2070
Or	MSISDN <MSISDN>	[1..1]	Text		2070
Or	EMail <EMail>	[1..1]	Text		2070
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2070

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2071
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2071
Or	Domestic <Dmst>	[1..1]	Text		2071
Or}	Other <Othr>	[1..1]	Text		2071
	Servicer <Svcr>	[0..1]			2071
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2071
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2072
	AccountTo <AcctTo>	[0..1]			2072
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2073
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2074
	AccountName <AcctNm>	[0..1]	Text		2074
	AccountOwner <AcctOwnr>	[0..1]			2075
	Name <Nm>	[1..1]	Text		2075
	Address <Adr>	[1..1]	±		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2075
	AccountIdentifier <AcctIdr>	[0..1]			2076
{Or	Card <Card>	[1..1]	Text		2076
Or	MSISDN <MSISDN>	[1..1]	Text		2076
Or	EMail <EMail>	[1..1]	Text		2076
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2076
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2077
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2077
Or	Domestic <Dmst>	[1..1]	Text		2077
Or}	Other <Othr>	[1..1]	Text		2077
	Servicer <Svcr>	[0..1]			2077
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2078
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2078
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2078

### 23.1.5.5.1 TransactionSequenceCounter <TxSeqCntr>

*Presence:* [1..1]

*Definition:* Sequential counter of the transaction.

*Datatype:* "Max9NumericText" on page 2428

#### 23.1.5.5.2 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in the exchange from the merchant to the issuer, with the corresponding timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "Traceability8" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 23.1.5.5.3 Environment <Envt>

*Presence:* [1..1]

*Definition:* Data related to the environment of the card payment transaction to authorise.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1997
	Merchant <Mrchnt>	[0..1]			1997
	Identification <Id>	[0..1]	±		1997
	CommonName <CmonNm>	[0..1]	Text		1998
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1998
	LocationAndContact <LctnAndCtct>	[0..1]	±		1998
	SchemeData <SchmeData>	[0..1]	Text		1999
	POI <POI>	[0..1]			1999
	Identification <Id>	[1..1]	±		1999
	SystemName <SysNm>	[0..1]	Text		2000
	GroupIdentification <GrpId>	[0..1]	Text		2000
	Capabilities <Cpblties>	[0..1]	±		2000
	TimeZone <TmZone>	[0..1]	Text		2001
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2001
	Component <Cmpnt>	[0..*]	±		2002
	Card <Card>	[0..1]			2004
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2005
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2005
	PlainCardData <PlainCardData>	[0..1]	±		2005
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2006
	MaskedPAN <MskdPAN>	[0..1]	Text		2006
	IssuerBIN <IssrBIN>	[0..1]	Text		2006
	CardCountryCode <CardCtryCd>	[0..1]	Text		2006
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2006
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2007
	CardBrand <CardBrnd>	[0..1]	Text		2007
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2007
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2007
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2007
	AllowedProduct <AllwdPdct>	[0..*]	Text		2007
	ServiceOption <SvcOptn>	[0..1]	Text		2008

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2008
	CustomerDevice <CstmrDvc>	[0..1]	±		2008
	Wallet <Wlt>	[0..1]	±		2008
	PaymentToken <PmtTkn>	[0..1]	±		2008
	Cardholder <Crhdldr>	[0..1]			2009
	Identification <Id>	[0..1]			2013
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2013
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2013
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2014
	DriverIdentification <DrvrId>	[0..1]	Text		2014
	CustomerNumber <CstmrNb>	[0..1]	Text		2014
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2014
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2014
	PassportNumber <PsptNb>	[0..1]	Text		2014
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2014
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2014
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2015
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2015
	JobNumber <JobNb>	[0..1]	Text		2015
	Department <Dept>	[0..1]	Text		2015
	EmailAddress <EmailAdr>	[0..1]	Text		2015
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2015
	BirthDate <BirthDt>	[1..1]	Date		2015
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2016
	CityOfBirth <CityOfBirth>	[1..1]	Text		2016
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2016
	Other <Othr>	[0..*]	±		2016
	Name <Nm>	[0..1]	Text		2016
	Language <Lang>	[0..1]	CodeSet	C3	2016
	BillingAddress <BllgAdr>	[0..1]	±		2017
	ShippingAddress <ShppgAdr>	[0..1]	±		2017

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TripNumber <TripNb>	[0..1]	Text		2018
	Vehicle <Vhcl>	[0..1]	±		2018
	Authentication <Authntcn>	[0..*]			2019
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2021
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2022
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2023
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2023
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2023
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2023
	PINFormat <PINFrmt>	[1..1]	CodeSet		2024
	AdditionalInput <AddtlInpt>	[0..1]	Text		2024
	CardholderIdentification <CrdhldrId>	[0..1]			2024
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2025
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2025
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2025
	DriverIdentification <DrvrId>	[0..1]	Text		2026
	CustomerNumber <CstmrNb>	[0..1]	Text		2026
	SocialSecurityNumber <ScfSctyNb>	[0..1]	Text		2026
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2026
	PassportNumber <PsptNb>	[0..1]	Text		2026
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2026
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2026
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2026
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2027
	JobNumber <JobNb>	[0..1]	Text		2027
	Department <Dept>	[0..1]	Text		2027
	EmailAddress <EmailAdr>	[0..1]	Text		2027
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2027
	BirthDate <BirthDt>	[1..1]	Date		2027
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2027
	CityOfBirth <CityOfBirth>	[1..1]	Text		2028

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2028
	Other <Othr>	[0..*]	±		2028
	AddressVerification <AdrVrfctn>	[0..1]			2028
	AddressDigits <AdrDgts>	[0..1]	Text		2028
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2029
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2029
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2029
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2029
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2029
	Identification <Id>	[1..1]	Text		2030
	Value <Val>	[0..1]	Binary		2030
	ProtectedValue <PrctcdVal>	[0..1]	±		2030
	Type <Tp>	[0..1]	Text		2030
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2030
	Method <Mtd>	[1..1]	CodeSet		2031
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2032
	Result <Rslt>	[0..1]	CodeSet		2032
	AdditionalResult <AddtlRslt>	[0..1]	Text		2032
	PersonalData <PrsnlData>	[0..1]	Text		2033
	MobileData <MobData>	[0..*]			2033
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2033
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2033
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2034
	Geolocation <Glctn>	[0..1]			2034
	GeographicCoordinates <GeogcCordints>	[0..1]			2034
	Latitude <Lat>	[1..1]	Text		2034
	Longitude <Long>	[1..1]	Text		2034
	UTMCoordinates <UTMCordints>	[0..1]			2035
	UTMZone <UTMZone>	[1..1]	Text		2035
	UTMEastward <UTMEstwr>	[1..1]	Text		2035
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2035



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SensitiveMobileData <SnstvMobData>	[0..1]			2035
	MSISDN <MSISDN>	[1..1]	Text		2036
	IMSI <IMSI>	[0..1]	Text		2036
	IMEI <IMEI>	[0..1]	Text		2036
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2036
	ProtectedCardholderData <PrtctdCrdrHldrData>	[0..1]	±		2036

#### 23.1.5.5.3.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 23.1.5.5.3.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

*Usage:* In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1997
	CommonName <CmonNm>	[0..1]	Text		1998
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1998
	LocationAndContact <LctnAndCtct>	[0..1]	±		1998
	SchemeData <SchmeData>	[0..1]	Text		1999

##### 23.1.5.5.3.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 23.1.5.5.3.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 23.1.5.5.3.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 23.1.5.5.3.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

### 23.1.5.5.3.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

### 23.1.5.5.3.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		1999
	SystemName <SysNm>	[0..1]	Text		2000
	GroupIdentification <Grpld>	[0..1]	Text		2000
	Capabilities <Cpblties>	[0..1]	±		2000
	TimeZone <TmZone>	[0..1]	Text		2001
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2001
	Component <Cmpnt>	[0..*]	±		2002

### 23.1.5.5.3.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 23.1.5.5.3.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 23.1.5.5.3.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 23.1.5.5.3.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 23.1.5.5.3.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.5.3.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 23.1.5.5.3.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 23.1.5.5.3.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.



**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2005
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2005
	PlainCardData <PlainCardData>	[0..1]	±		2005
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2006
	MaskedPAN <MskdPAN>	[0..1]	Text		2006
	IssuerBIN <IssrBIN>	[0..1]	Text		2006
	CardCountryCode <CardCtryCd>	[0..1]	Text		2006
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2006
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2007
	CardBrand <CardBrnd>	[0..1]	Text		2007
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2007
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2007
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2007
	AllowedProduct <AllwdPdct>	[0..*]	Text		2007
	ServiceOption <SvcOptn>	[0..1]	Text		2008
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2008

#### 23.1.5.5.3.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.5.3.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.5.3.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 23.1.5.5.3.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.5.3.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 23.1.5.5.3.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 23.1.5.5.3.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 23.1.5.5.3.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 23.1.5.5.3.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 23.1.5.5.3.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.5.3.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.5.3.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.5.3.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice1" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 23.1.5.5.3.6 Wallet <Wilt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wilt>** contains the following elements (see "CustomerDevice1" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 23.1.5.5.3.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 23.1.5.5.3.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			2013
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2013
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2013
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2014
	DriverIdentification <DrvrId>	[0..1]	Text		2014
	CustomerNumber <CstmrNb>	[0..1]	Text		2014
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2014
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2014
	PassportNumber <PsptNb>	[0..1]	Text		2014
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2014
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2014
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2015
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2015
	JobNumber <JobNb>	[0..1]	Text		2015
	Department <Dept>	[0..1]	Text		2015
	EmailAddress <EmailAdr>	[0..1]	Text		2015
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2015
	BirthDate <BirthDt>	[1..1]	Date		2015
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2016
	CityOfBirth <CityOfBirth>	[1..1]	Text		2016
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2016
	Other <Othr>	[0..*]	±		2016
	Name <Nm>	[0..1]	Text		2016
	Language <Lang>	[0..1]	CodeSet	C3	2016
	BillingAddress <BllgAdr>	[0..1]	±		2017
	ShippingAddress <ShppgAdr>	[0..1]	±		2017
	TripNumber <TripNb>	[0..1]	Text		2018
	Vehicle <Vhcl>	[0..1]	±		2018
	Authentication <Authntcn>	[0..*]			2019
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2021
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2022

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2023
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2023
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2023
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2023
	PINFormat <PINFrmt>	[1..1]	CodeSet		2024
	AdditionalInput <AddtlInpt>	[0..1]	Text		2024
	CardholderIdentification <CrhdldrId>	[0..1]			2024
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2025
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2025
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2025
	DriverIdentification <DrvrId>	[0..1]	Text		2026
	CustomerNumber <CstmrNb>	[0..1]	Text		2026
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2026
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2026
	PassportNumber <PsptNb>	[0..1]	Text		2026
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2026
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2026
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2026
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2027
	JobNumber <JobNb>	[0..1]	Text		2027
	Department <Dept>	[0..1]	Text		2027
	EmailAddress <EmailAdr>	[0..1]	Text		2027
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2027
	BirthDate <BirthDt>	[1..1]	Date		2027
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2027
	CityOfBirth <CityOfBirth>	[1..1]	Text		2028
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2028
	Other <Othr>	[0..*]	±		2028
	AddressVerification <AdrVrfctn>	[0..1]			2028
	AddressDigits <AdrDgts>	[0..1]	Text		2028
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2029

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2029
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2029
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2029
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2029
	Identification <Id>	[1..1]	Text		2030
	Value <Val>	[0..1]	Binary		2030
	ProtectedValue <PrctcdVal>	[0..1]	±		2030
	Type <Tp>	[0..1]	Text		2030
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2030
	Method <Mtd>	[1..1]	CodeSet		2031
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2032
	Result <Rslt>	[0..1]	CodeSet		2032
	AdditionalResult <AddtlRslt>	[0..1]	Text		2032
	PersonalData <PrsnlData>	[0..1]	Text		2033
	MobileData <MobData>	[0..*]			2033
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2033
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2033
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2034
	Geolocation <Glctn>	[0..1]			2034
	GeographicCoordinates <GeogcCordints>	[0..1]			2034
	Latitude <Lat>	[1..1]	Text		2034
	Longitude <Long>	[1..1]	Text		2034
	UTMCoordinates <UTMCordints>	[0..1]			2035
	UTMZone <UTMZone>	[1..1]	Text		2035
	UTMEastward <UTMEstwr>	[1..1]	Text		2035
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2035
	SensitiveMobileData <SnstvMobData>	[0..1]			2035
	MSISDN <MSISDN>	[1..1]	Text		2036
	IMSI <IMSI>	[0..1]	Text		2036
	IMEI <IMEI>	[0..1]	Text		2036
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2036



### 23.1.5.5.3.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2013
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2013
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2014
	DriverIdentification <DrvrId>	[0..1]	Text		2014
	CustomerNumber <CstmrNb>	[0..1]	Text		2014
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2014
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2014
	PassportNumber <PsptNb>	[0..1]	Text		2014
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2014
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2014
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2015
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2015
	JobNumber <JobNb>	[0..1]	Text		2015
	Department <Dept>	[0..1]	Text		2015
	EmailAddress <EmailAdr>	[0..1]	Text		2015
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2015
	BirthDate <BirthDt>	[1..1]	Date		2015
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2016
	CityOfBirth <CityOfBirth>	[1..1]	Text		2016
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2016
	Other <Othr>	[0..*]	±		2016

#### 23.1.5.5.3.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

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*Datatype:* "Max35Text" on page 2426

**23.1.5.5.3.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

**23.1.5.5.3.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

**23.1.5.5.3.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

**23.1.5.5.3.8.1.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

**23.1.5.5.3.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

**23.1.5.5.3.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

**23.1.5.5.3.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

**23.1.5.5.3.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 23.1.5.5.3.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2015
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2016
	CityOfBirth <CityOfBirth>	[1..1]	Text		2016
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2016

#### 23.1.5.5.3.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 23.1.5.5.3.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 23.1.5.5.3.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 23.1.5.5.3.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 23.1.5.5.3.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 23.1.5.5.3.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 23.1.5.5.3.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 23.1.5.5.3.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 23.1.5.5.3.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2021
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2022
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2023
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2023
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2023
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2023
	PINFormat <PINFrmt>	[1..1]	CodeSet		2024
	AdditionalInput <AddtlInpt>	[0..1]	Text		2024
	CardholderIdentification <Crhdldrld>	[0..1]			2024
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2025
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2025
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2025
	DriverIdentification <Drvrld>	[0..1]	Text		2026
	CustomerNumber <CstmrNb>	[0..1]	Text		2026
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2026
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2026
	PassportNumber <PsptNb>	[0..1]	Text		2026
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2026
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2026
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2026
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2027
	JobNumber <JobNb>	[0..1]	Text		2027
	Department <Dept>	[0..1]	Text		2027
	EmailAddress <EmailAdr>	[0..1]	Text		2027
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2027
	BirthDate <BirthDt>	[1..1]	Date		2027
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2027
	CityOfBirth <CityOfBirth>	[1..1]	Text		2028
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2028
	Other <Othr>	[0..*]	±		2028
	AddressVerification <AdrVrfctn>	[0..1]			2028



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2028
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2029
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2029
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2029
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2029
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2029
	Identification <Id>	[1..1]	Text		2030
	Value <Val>	[0..1]	Binary		2030
	ProtectedValue <PrctcdVal>	[0..1]	±		2030
	Type <Tp>	[0..1]	Text		2030

#### 23.1.5.5.3.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 23.1.5.5.3.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 23.1.5.5.3.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 23.1.5.5.3.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.5.3.8.8.5 CardholderOnLinePIN <CrhdldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrhdldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2023
	PINFormat <PINFrmt>	[1..1]	CodeSet		2024
	AdditionalInput <AddtlInpt>	[0..1]	Text		2024

#### 23.1.5.5.3.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.5.3.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 23.1.5.5.3.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.8.6 CardholderIdentification <Crdhldrld>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2025
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2025
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2025
	DriverIdentification <DrvrId>	[0..1]	Text		2026
	CustomerNumber <CstmrNb>	[0..1]	Text		2026
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2026
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2026
	PassportNumber <PsptNb>	[0..1]	Text		2026
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2026
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2026
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2026
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2027
	JobNumber <JobNb>	[0..1]	Text		2027
	Department <Dept>	[0..1]	Text		2027
	EmailAddress <EmailAdr>	[0..1]	Text		2027
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2027
	BirthDate <BirthDt>	[1..1]	Date		2027
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2027
	CityOfBirth <CityOfBirth>	[1..1]	Text		2028
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2028
	Other <Othr>	[0..*]	±		2028

#### 23.1.5.3.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.3.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.3.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.3.8.8.6.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.3.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.3.8.8.6.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.3.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.3.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.3.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.3.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.3.8.8.6.11 EmployerIdentificationNumber <MpIryIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 23.1.5.5.3.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2027
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2027
	CityOfBirth <CityOfBirth>	[1..1]	Text		2028
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2028

##### 23.1.5.5.3.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 23.1.5.5.3.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.5.3.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.5.3.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

#### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### 23.1.5.5.3.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

### 23.1.5.5.3.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2028
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2029

### 23.1.5.5.3.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427



#### 23.1.5.5.3.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

#### 23.1.5.5.3.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

#### 23.1.5.5.3.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2030
	Value <Val>	[0..1]	Binary		2030
	ProtectedValue <PrctcdVal>	[0..1]	±		2030
	Type <Tp>	[0..1]	Text		2030

#### 23.1.5.5.3.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.5.3.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.5.3.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstddData>	[0..1]	±		2334

#### 23.1.5.5.3.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.5.3.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		2031
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2032
	Result <RsIt>	[0..1]	CodeSet		2032
	AdditionalResult <AddtlRsIt>	[0..1]	Text		2032

#### 23.1.5.5.3.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 23.1.5.5.3.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 23.1.5.5.3.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 23.1.5.5.3.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

### 23.1.5.5.3.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

### 23.1.5.5.3.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2033
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2033
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2034
	Geolocation <Glctn>	[0..1]			2034
	GeographicCoordinates <GeogcCordints>	[0..1]			2034
	Latitude <Lat>	[1..1]	Text		2034
	Longitude <Long>	[1..1]	Text		2034
	UTMCoordinates <UTMCordints>	[0..1]			2035
	UTMZone <UTMZone>	[1..1]	Text		2035
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2035
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2035
	SensitiveMobileData <SnstvlMobData>	[0..1]			2035
	MSISDN <MSISDN>	[1..1]	Text		2036
	IMSI <IMSI>	[0..1]	Text		2036
	IMEI <IMEI>	[0..1]	Text		2036
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2036

#### 23.1.5.5.3.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

#### 23.1.5.5.3.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

### 23.1.5.5.3.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.5.3.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	GeographicCoordinates <GeogcCordints>	[0..1]			2034
	Latitude <Lat>	[1..1]	Text		2034
	Longitude <Long>	[1..1]	Text		2034
	UTMCoordinates <UTMCordints>	[0..1]			2035
	UTMZone <UTMZone>	[1..1]	Text		2035
	UTMEastward <UTMEstwr>	[1..1]	Text		2035
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2035

#### 23.1.5.5.3.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Latitude <Lat>	[1..1]	Text		2034
	Longitude <Long>	[1..1]	Text		2034

#### 23.1.5.5.3.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.3.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.3.8.11.4.2 UTMCoordinates <UTMCordints>**

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2035
	UTMEastward <UTMEstwr>	[1..1]	Text		2035
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2035

##### **23.1.5.5.3.8.11.4.2.1 UTMZone <UTMZone>**

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.5.3.8.11.4.2.2 UTMEastward <UTMEstwr>**

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.5.3.8.11.4.2.3 UTMNorthward <UTMNrthwr>**

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.5.3.8.11.5 SensitiveMobileData <SnstvMobData>**

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MSISDN <MSISDN>	[1..1]	Text		2036
	IMSI <IMSI>	[0..1]	Text		2036
	IMEI <IMEI>	[0..1]	Text		2036

#### 23.1.5.5.3.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.5.3.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.5.3.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.5.3.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.5.3.9 ProtectedCardholderData <PrtctdCrdhldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.



**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.5.4 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context in which the transaction is performed (payment and sale).

**Context <Cntxt>** contains the following elements (see "CardPaymentContext28" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			2283
	CardPresent <CardPres>	[0..1]	Indicator		2283
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		2283
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2283
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2284
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2284
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2284
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2285
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		2286
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		2286
	SaleContext <SaleCntxt>	[0..1]			2286
	SaleIdentification <SaleId>	[0..1]	Text		2287
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2287
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2288
	CashierIdentification <CshrId>	[0..1]	Text		2288
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	2288
	ShiftNumber <ShftNb>	[0..1]	Text		2288
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		2288
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		2288
	InvoiceNumber <InvcNb>	[0..1]	Text		2288
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2289
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2289
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <Regdldr>	[1..1]	Text		2289
	SplitPayment <Spltpmt>	[0..1]	Indicator		2290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		2290
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2290
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2290
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2290
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2291
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2291
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2291
	DebtorIdentification <DbtrId>	[0..1]			2292
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296
	CreditorIdentification <CdtrId>	[1..1]			2296
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2298
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		2299

#### 23.1.5.5.5 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Card payment transaction to authorise.

**Transaction <Tx>** contains the following **CardPaymentTransaction92** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		2044
	TransactionType <TxTp>	[0..1]	CodeSet		2044
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2045
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2046
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2046
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2046
	CustomerConsent <CstmrCnsnt>	[0..*]	Indicator		2046
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2047
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2047
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2047
	TransactionIdentification <TxId>	[1..1]	±		2047
	OriginalTransaction <OrgnlTx>	[0..1]	±		2047
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2048
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2048
	TransactionDetails <TxDtls>	[1..1]			2048
	Currency <Ccy>	[0..1]	CodeSet	C1	2050
	TotalAmount <TtlAmt>	[1..1]	Amount		2051
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2051
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2051
	DetailedAmount <DtldAmt>	[0..1]	±		2051
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2052
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2052
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2052
	ValidityDate <VldtyDt>	[0..1]	Date		2052
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2052
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2053
	AccountType <AcctTp>	[0..1]	CodeSet		2053
	CurrencyConversionResult <CcyConvrsRslt>	[0..1]			2054
	AcceptedByCardholder <AccptdByCrdhlldr>	[0..1]	Indicator		2056
	Conversion <Convrs>	[0..1]			2056
	CurrencyConversionIdentification <CcyConvrsId>	[0..1]	Text		2057

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TargetCurrency <TrgtCcy>	[1..1]			2058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2058
	NumericCode <NmrcCd>	[1..1]	Text		2058
	Decimal <Dcml>	[1..1]	Quantity		2058
	Name <Nm>	[0..1]	Text		2058
	ResultingAmount <RsltAmt>	[1..1]	Amount		2058
	ExchangeRate <XchgRate>	[1..1]	Rate		2059
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2059
	QuotationDate <QtnDt>	[0..1]	DateTime		2059
	ValidUntil <VldUntil>	[0..1]	DateTime		2059
	SourceCurrency <SrcCcy>	[1..1]			2059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2059
	NumericCode <NmrcCd>	[0..1]	Text		2060
	Decimal <Dcml>	[0..1]	Quantity		2060
	Name <Nm>	[0..1]	Text		2060
	OriginalAmount <OrgnlAmt>	[1..1]			2060
	ActualAmount <ActlAmt>	[0..1]	Amount		2060
	MinimumAmount <MinAmt>	[0..1]	Amount		2060
	MaximumAmount <MaxAmt>	[0..1]	Amount		2061
	CommissionDetails <ComssnDtls>	[0..*]			2061
	Amount <Amt>	[1..1]	Amount		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	MarkUpDetails <MrkUpDtls>	[0..*]			2061
	Rate <Rate>	[1..1]	Rate		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	DeclarationDetails <DclrtDtls>	[0..*]	±		2062
	Instalment <Instlmt>	[0..1]	±		2062
	AggregationTransaction <AggtnTx>	[0..1]	±		2063
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2063
	SaleItem <Saleitm>	[0..*]	±		2064
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2064

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			2064
	Identification <Id>	[1..1]	Text		2065
	Value <Val>	[0..1]	Binary		2065
	ProtectedValue <PrctdVal>	[0..1]	±		2065
	Type <Tp>	[0..1]	Text		2065
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2065
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2066
	AccountFrom <AcctFr>	[0..1]			2066
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2066
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2067
	AccountName <AcctNm>	[0..1]	Text		2068
	AccountOwner <AcctOwnr>	[0..1]			2068
	Name <Nm>	[1..1]	Text		2068
	Address <Adr>	[1..1]	±		2068
	Currency <Ccy>	[0..1]	CodeSet	C1	2069
	AccountIdentifier <Acctldr>	[0..1]			2069
{Or	Card <Card>	[1..1]	Text		2070
Or	MSISDN <MSISDN>	[1..1]	Text		2070
Or	EMail <EMail>	[1..1]	Text		2070
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2070
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2071
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2071
Or	Domestic <Dmst>	[1..1]	Text		2071
Or}	Other <Othr>	[1..1]	Text		2071
	Servicer <Svcr>	[0..1]			2071
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2071
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2072
	AccountTo <AcctTo>	[0..1]			2072
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2073
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2074
	AccountName <AcctNm>	[0..1]	Text		2074

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountOwner <AcctOwnr>	[0..1]			2075
	Name <Nm>	[1..1]	Text		2075
	Address <Adr>	[1..1]	±		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2075
	AccountIdentifier <AcctIdr>	[0..1]			2076
{Or	Card <Card>	[1..1]	Text		2076
Or	MSISDN <MSISDN>	[1..1]	Text		2076
Or	EMail <EMail>	[1..1]	Text		2076
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2076
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2077
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2077
Or	Domestic <Dmst>	[1..1]	Text		2077
Or}	Other <Othr>	[1..1]	Text		2077
	Servicer <Svcr>	[0..1]			2077
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2078
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2078
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2078

#### 23.1.5.5.5.1 TransactionCapture <TxCaptr>

*Presence:* [1..1]

*Definition:* Flag indicating whether the transaction data must be captured or not in addition to the message process.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.5.5.2 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Type of transaction being undertaken for the main service.

*Datatype:* "CardPaymentServiceType12Code" on page 2394

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.



CodeName	Name	Definition
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

### 23.1.5.5.5.3 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2396

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.

CodeName	Name	Definition
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

#### 23.1.5.5.5.4 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType3Code" on page 2395

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.

#### 23.1.5.5.5.5 LastTransactionFlag <LastTxFlg>

*Presence:* [0..1]

*Definition:* Flag indicating processing of the last transaction.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.5.5.6 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [0..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* "Min3Max4Text" on page 2429

#### 23.1.5.5.5.7 CustomerConsent <CstmrCnsnt>

*Presence:* [0..\*]

*Definition:* This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.5.5.8 CardProgrammeProposed <CardPrgrmmPropsd>

*Presence:* [0..\*]

*Definition:* The card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.5.9 CardProgrammeApplied <CardPrgrmmApId>

*Presence:* [0..1]

*Definition:* The card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.5.10 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.5.11 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentifier1](#)" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

#### 23.1.5.5.5.12 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnITx>** contains the following elements (see "[CardPaymentTransaction101](#)" on page 1883 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1884
	TransactionIdentification <TxId>	[1..1]	±		1884
	POIIdentification <POIID>	[0..1]	±		1884
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1885
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1885
	TransactionType <TxTp>	[1..1]	CodeSet		1885
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1886
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1886
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1887
	TransactionResult <TxRslt>	[0..1]			1887
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1888
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1888
	Response <Rspn>	[1..1]	CodeSet		1888
	ResponseReason <RspnRsn>	[0..1]	Text		1889
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1889
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1889

#### 23.1.5.5.5.13 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "[Max35Text](#)" on page 2426

#### 23.1.5.5.5.14 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "[Max35Text](#)" on page 2426

#### 23.1.5.5.5.15 TransactionDetails <TxDtls>

*Presence:* [1..1]

*Definition:* Details of the transaction.

**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	2050
	TotalAmount <TtlAmt>	[1..1]	Amount		2051
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2051
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2051
	DetailedAmount <DtldAmt>	[0..1]	±		2051
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2052
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2052
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2052
	ValidityDate <VldtyDt>	[0..1]	Date		2052
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2052
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		2053
	AccountType <AcctTp>	[0..1]	CodeSet		2053
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2054
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2056
	Conversion <Convs>	[0..1]			2056
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2057
	TargetCurrency <TrgtCcy>	[1..1]			2058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2058
	NumericCode <NmrcCd>	[1..1]	Text		2058
	Decimal <Dcml>	[1..1]	Quantity		2058
	Name <Nm>	[0..1]	Text		2058
	ResultingAmount <RsltgAmt>	[1..1]	Amount		2058
	ExchangeRate <XchgRate>	[1..1]	Rate		2059
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2059
	QuotationDate <QtnDt>	[0..1]	DateTime		2059
	ValidUntil <VldUntil>	[0..1]	DateTime		2059
	SourceCurrency <SrcCcy>	[1..1]			2059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2059
	NumericCode <NmrcCd>	[0..1]	Text		2060
	Decimal <Dcml>	[0..1]	Quantity		2060
	Name <Nm>	[0..1]	Text		2060

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[1..1]			2060
	ActualAmount <ActlAmt>	[0..1]	Amount		2060
	MinimumAmount <MinAmt>	[0..1]	Amount		2060
	MaximumAmount <MaxAmt>	[0..1]	Amount		2061
	CommissionDetails <ComssnDtls>	[0..*]			2061
	Amount <Amt>	[1..1]	Amount		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	MarkUpDetails <MrkUpDtls>	[0..*]			2061
	Rate <Rate>	[1..1]	Rate		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2062
	Instalment <Instlmt>	[0..1]	±		2062
	AggregationTransaction <AggtnTx>	[0..1]	±		2063
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2063
	SaleItem <Saleitm>	[0..*]	±		2064
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2064
	AdditionalInformation <AddtlInf>	[0..*]			2064
	Identification <Id>	[1..1]	Text		2065
	Value <Val>	[0..1]	Binary		2065
	ProtectedValue <PrctcdVal>	[0..1]	±		2065
	Type <Tp>	[0..1]	Text		2065
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2065

### 23.1.5.5.5.15.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.5.15.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.5.15.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

*Definition:* Contains the updated amount of all authorisations related to the same business transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.5.15.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2416

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

#### 23.1.5.5.15.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

*Definition:* Detailed amounts associated with the total amount of transaction.

**DetailedAmount <DtldAmt>** contains the following elements (see "DetailedAmount15" on page 1841 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1841
	CashBack <CshBck>	[0..1]	Amount		1841
	Gratuity <Grtty>	[0..1]	Amount		1842
	Fees <Fees>	[0..*]	±		1842
	Rebate <Rbt>	[0..*]	±		1842
	ValueAddedTax <ValAddedTax>	[0..*]	±		1842
	Surcharge <Srchr>	[0..*]	±		1842

#### 23.1.5.5.15.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.5.15.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.5.15.8 InvoiceAmount <InvAmt>

*Presence:* [0..1]

*Definition:* Amount of the transaction that will be invoiced to the cardholder.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.5.15.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 23.1.5.5.15.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason1Code" on page 2407

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.



CodeName	Name	Definition
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.

#### 23.1.5.5.15.11 UnattendedLevelCategory <UatnddLvlCtgy>

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended POI (Point Of Interaction).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.5.15.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.

CodeName	Name	Definition
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 23.1.5.5.15.13 CurrencyConversionResult <CcyConvsRslt>

*Presence:* [0..1]

*Definition:* Result of the currency conversion proposed to the cardholder.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2056
	Conversion <Convs>	[0..1]			2056
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2057
	TargetCurrency <TrgtCcy>	[1..1]			2058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2058
	NumericCode <NmrcCd>	[1..1]	Text		2058
	Decimal <Dcml>	[1..1]	Quantity		2058
	Name <Nm>	[0..1]	Text		2058
	ResultingAmount <RsltAmt>	[1..1]	Amount		2058
	ExchangeRate <XchgRate>	[1..1]	Rate		2059
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2059
	QuotationDate <QtnDt>	[0..1]	DateTime		2059
	ValidUntil <VldUntil>	[0..1]	DateTime		2059
	SourceCurrency <SrcCcy>	[1..1]			2059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2059
	NumericCode <NmrcCd>	[0..1]	Text		2060
	Decimal <Dcml>	[0..1]	Quantity		2060
	Name <Nm>	[0..1]	Text		2060
	OriginalAmount <OrgnlAmt>	[1..1]			2060
	ActualAmount <ActlAmt>	[0..1]	Amount		2060
	MinimumAmount <MinAmt>	[0..1]	Amount		2060
	MaximumAmount <MaxAmt>	[0..1]	Amount		2061
	CommissionDetails <ComssnDtls>	[0..*]			2061
	Amount <Amt>	[1..1]	Amount		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	MarkUpDetails <MrkUpDtls>	[0..*]			2061
	Rate <Rate>	[1..1]	Rate		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2062

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#### **23.1.5.5.5.15.13.1 AcceptedByCardholder <AcptdByCrdhldr>**

*Presence:* [0..1]

*Definition:* True if the cardholder has accepted the currency conversion that the acquirer has proposed.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **23.1.5.5.5.15.13.2 Conversion <Convs>**

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

**Conversion <Convs>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2057
	TargetCurrency <TrgtCcy>	[1..1]			2058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2058
	NumericCode <NmrcCd>	[1..1]	Text		2058
	Decimal <Dcml>	[1..1]	Quantity		2058
	Name <Nm>	[0..1]	Text		2058
	ResultingAmount <RsltAmt>	[1..1]	Amount		2058
	ExchangeRate <XchgRate>	[1..1]	Rate		2059
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2059
	QuotationDate <QtnDt>	[0..1]	DateTime		2059
	ValidUntil <VldUntil>	[0..1]	DateTime		2059
	SourceCurrency <SrcCcy>	[1..1]			2059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2059
	NumericCode <NmrcCd>	[0..1]	Text		2060
	Decimal <Dcml>	[0..1]	Quantity		2060
	Name <Nm>	[0..1]	Text		2060
	OriginalAmount <OrgnlAmt>	[1..1]			2060
	ActualAmount <ActlAmt>	[0..1]	Amount		2060
	MinimumAmount <MinAmt>	[0..1]	Amount		2060
	MaximumAmount <MaxAmt>	[0..1]	Amount		2061
	CommissionDetails <ComssnDtls>	[0..*]			2061
	Amount <Amt>	[1..1]	Amount		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	MarkUpDetails <MrkUpDtls>	[0..*]			2061
	Rate <Rate>	[1..1]	Rate		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061
	DeclarationDetails <DclrtDtls>	[0..*]	±		2062

#### 23.1.5.5.15.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.5.5.15.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2058
	NumericCode <NmrcCd>	[1..1]	Text		2058
	Decimal <Dcml>	[1..1]	Quantity		2058
	Name <Nm>	[0..1]	Text		2058

#### 23.1.5.5.5.15.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.5.5.15.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 23.1.5.5.5.15.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 23.1.5.5.5.15.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.5.15.13.2.3 ResultingAmount <RsltAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.5.5.15.13.2.4 ExchangeRate <XchgRate>

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### 23.1.5.5.5.15.13.2.5 InvertedExchangeRate <NvrtedXchgRate>

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### 23.1.5.5.5.15.13.2.6 QuotationDate <QtnDt>

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.5.5.5.15.13.2.7 ValidUntil <VldUntil>

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.5.5.5.15.13.2.8 SourceCurrency <SrcCcy>

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2059
	NumericCode <NmrcCd>	[0..1]	Text		2060
	Decimal <Dcml>	[0..1]	Quantity		2060
	Name <Nm>	[0..1]	Text		2060

##### 23.1.5.5.5.15.13.2.8.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### **23.1.5.5.5.15.13.2.8.2 NumericCode <NmrcCd>**

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### **23.1.5.5.5.15.13.2.8.3 Decimal <Dcml>**

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### **23.1.5.5.5.15.13.2.8.4 Name <Nm>**

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.5.15.13.2.9 OriginalAmount <OrgnlAmt>**

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		2060
	MinimumAmount <MinAmt>	[0..1]	Amount		2060
	MaximumAmount <MaxAmt>	[0..1]	Amount		2061

#### **23.1.5.5.5.15.13.2.9.1 ActualAmount <ActlAmt>**

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### **23.1.5.5.5.15.13.2.9.2 MinimumAmount <MinAmt>**

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375



### 23.1.5.5.5.15.13.2.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.5.5.5.15.13.2.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061

#### 23.1.5.5.5.15.13.2.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.5.5.15.13.2.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

### 23.1.5.5.5.15.13.2.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2061
	AdditionalInformation <AddtlInf>	[0..1]	Text		2061

#### 23.1.5.5.5.15.13.2.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

#### 23.1.5.5.5.15.13.2.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

#### 23.1.5.5.15.13.2.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

#### 23.1.5.5.15.14 Instalment <Instlmt>

*Presence:* [0..1]

*Definition:* Data related to a financial loan (instalment) or to a recurring transaction.

**Instalment <Instlmt>** contains the following elements (see "[RecurringTransaction2](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2317
	PlanIdentification <PlanId>	[0..1]	Text		2317
	SequenceNumber <SeqNb>	[0..1]	Quantity		2317
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2317
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2318
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2318
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2318
	TotalAmount <TtlAmt>	[0..1]	Amount	C8	2318
	FirstAmount <FrstAmt>	[0..1]	Amount		2318
	Charges <Chrgs>	[0..1]	Amount		2319

#### 23.1.5.5.15.15 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see "[AggregationTransaction3](#)" on page 2278 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2278
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2278
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2279
	IndividualPayment <IndvPmt>	[0..*]			2279
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Lbl>	[0..1]	Text		2280

#### 23.1.5.5.15.16 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2424

### 23.1.5.5.15.17 SaleItem <SaleItm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2304
	ProductCode <PdctCd>	[1..1]	Text		2304
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2304
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2305
	ProductQuantity <PdctQty>	[0..1]	Quantity		2306
	UnitPrice <UnitPric>	[0..1]	Amount		2306
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2307
	ProductAmount <PdctAmt>	[1..1]	Amount		2307
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2307
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2307
	TaxType <TaxTp>	[0..1]	Text		2307
	ProductDescription <PdctDesc>	[0..1]	Text		2307
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2307
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2308
	SaleChannel <SaleChanl>	[0..1]	Text		2308
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2308

### 23.1.5.5.15.18 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

*Definition:* Location of the delivery, for instance pump number or parking bay.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.5.15.19 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

**AdditionalInformation <AddtlInf>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2065
	Value <Val>	[0..1]	Binary		2065
	ProtectedValue <PrctcdVal>	[0..1]	±		2065
	Type <Tp>	[0..1]	Text		2065

#### 23.1.5.5.5.15.19.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.5.5.15.19.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.5.5.15.19.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 23.1.5.5.5.15.19.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.5.5.15.20 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

### 23.1.5.5.5.16 MerchantReferenceData <MrchntRefData>

*Presence:* [0..1]

*Definition:* Merchant information that must be returned unchanged in the response.

*Datatype:* "Max70Text" on page 2427

### 23.1.5.5.5.17 AccountFrom <AcctFr>

*Presence:* [0..1]

*Definition:* Information relevant to the account where the money is taken from.

**AccountFrom <AcctFr>** contains the following **CardAccount15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2066
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2067
	AccountName <AcctNm>	[0..1]	Text		2068
	AccountOwner <AcctOwnr>	[0..1]			2068
	Name <Nm>	[1..1]	Text		2068
	Address <Adr>	[1..1]	±		2068
	Currency <Ccy>	[0..1]	CodeSet	C1	2069
	AccountIdentifier <AcctIdr>	[0..1]			2069
{Or	Card <Card>	[1..1]	Text		2070
Or	MSISDN <MSISDN>	[1..1]	Text		2070
Or	EMail <EMail>	[1..1]	Text		2070
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2070
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2071
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2071
Or	Domestic <Dmst>	[1..1]	Text		2071
Or}	Other <Othr>	[1..1]	Text		2071
	Servicer <Svcr>	[0..1]			2071
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2071
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2072

#### 23.1.5.5.5.17.1 SelectionMethod <SelctnMtd>

*Presence:* [0..1]

*Definition:* Method used by the cardholder and the terminal for the choice of the account.

*Datatype:* "AccountChoiceMethod1Code" on page 2378

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.
TPSL	TypeSelected	Type of account selected in a list.

### 23.1.5.5.17.2 SelectedAccountType <SelctdAcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.

CodeName	Name	Definition
FLTC	FleetCard	Fleet card account.

#### 23.1.5.5.17.3 AccountName <AcctNm>

*Presence:* [0..1]

*Definition:* Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.5.17.4 AccountOwner <AcctOwnr>

*Presence:* [0..1]

*Definition:* Party that legally owns the account.

**AccountOwner <AcctOwnr>** contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2068
	Address <Adr>	[1..1]	±		2068

##### 23.1.5.5.17.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and is usually used to identify that identity.

*Datatype:* "Max70Text" on page 2427

##### 23.1.5.5.17.4.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Postal address of a party.



**Address <Adr>** contains the following elements (see "PostalAddress1" on page 2322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2323
	AddressLine <AdrLine>	[0..5]	Text		2323
	StreetName <StrtNm>	[0..1]	Text		2323
	BuildingNumber <BldgNb>	[0..1]	Text		2323
	PostCode <PstCd>	[0..1]	Text		2324
	TownName <TwnNm>	[0..1]	Text		2324
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2324
	Country <Ctry>	[1..1]	CodeSet	C1	2324

#### 23.1.5.5.17.5 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Identification of the currency in which the account is held.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.5.17.6 AccountIdentifier <Acctldr>

*Presence:* [0..1]

*Definition:* Unique identifier of the account, as assigned by the account servicer.

**AccountIdentifier <AcctIdr>** contains one of the following **AccountIdentification39Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		2070
Or	MSISDN <MSISDN>	[1..1]	Text		2070
Or	EMail <EMail>	[1..1]	Text		2070
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2070
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2071
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2071
Or	Domestic <Dmst>	[1..1]	Text		2071
Or}	Other <Othr>	[1..1]	Text		2071

#### 23.1.5.5.5.17.6.1 Card <Card>

*Presence:* [1..1]

*Definition:* PAN of the card identifying the account.

*Datatype:* "Min8Max28NumericText" on page 2429

#### 23.1.5.5.5.17.6.2 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

*Datatype:* "Max16Text" on page 2425

#### 23.1.5.5.5.17.6.3 EMail <EMail>

*Presence:* [1..1]

*Definition:* E-mail identifying the account.

*Datatype:* "Max256Text" on page 2425

#### 23.1.5.5.5.17.6.4 IBAN <IBAN>

*Presence:* [1..1]

*Definition:* International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

*Impacted by:* C5 "IBAN"

*Datatype:* "IBANIdentifier" on page 2421

## Constraints

### • IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

#### 23.1.5.5.5.17.6.5 BBAN <BBAN>

*Presence:* [1..1]

*Definition:* Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

*Datatype:* "BBANIdentifier" on page 2421

#### 23.1.5.5.5.17.6.6 UPIC <UPIC>

*Presence:* [1..1]

*Definition:* Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Datatype:* "UPICIdentifier" on page 2422

#### 23.1.5.5.5.17.6.7 Domestic <Dmst>

*Presence:* [1..1]

*Definition:* Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.5.17.6.8 Other <Othr>

*Presence:* [1..1]

*Definition:* Other identifier.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.5.5.17.7 Servicer <Svcr>

*Presence:* [0..1]

*Definition:* Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

**Servicer <Svcr>** contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2071
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2072

#### 23.1.5.5.5.17.7.1 AnyBIC <AnyBIC>

*Presence:* [1..1]

*Definition:* Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

#### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

#### 23.1.5.5.17.7.2 ProprietaryIdentification <PrtryId>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <PrtryId>** contains the following elements (see "[GenericIdentification1](#)" on page 2242 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2243
	SchemeName <SchmeNm>	[0..1]	Text		2243
	Issuer <Issr>	[0..1]	Text		2243

#### 23.1.5.5.18 AccountTo <AcctTo>

*Presence:* [0..1]

*Definition:* Information relevant to the account where the money is put.

**AccountTo <AcctTo>** contains the following **CardAccount15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2073
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2074
	AccountName <AcctNm>	[0..1]	Text		2074
	AccountOwner <AcctOwnr>	[0..1]			2075
	Name <Nm>	[1..1]	Text		2075
	Address <Adr>	[1..1]	±		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2075
	AccountIdentifier <AcctIdr>	[0..1]			2076
{Or	Card <Card>	[1..1]	Text		2076
Or	MSISDN <MSISDN>	[1..1]	Text		2076
Or	EMail <EMail>	[1..1]	Text		2076
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2076
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2077
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2077
Or	Domestic <Dmst>	[1..1]	Text		2077
Or}	Other <Othr>	[1..1]	Text		2077
	Servicer <Svcr>	[0..1]			2077
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2078
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2078

#### 23.1.5.5.5.18.1 SelectionMethod <SelctnMtd>

*Presence:* [0..1]

*Definition:* Method used by the cardholder and the terminal for the choice of the account.

*Datatype:* "AccountChoiceMethod1Code" on page 2378

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

#### 23.1.5.5.18.2 SelectedAccountType <SelctdAcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 23.1.5.5.18.3 AccountName <AcctNm>

*Presence:* [0..1]

*Definition:* Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

*Usage:* The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.5.18.4 AccountOwner <AcctOwnr>

*Presence:* [0..1]

*Definition:* Party that legally owns the account.

**AccountOwner <AcctOwnr>** contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2075
	Address <Adr>	[1..1]	±		2075

##### 23.1.5.5.18.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and is usually used to identify that identity.

*Datatype:* "Max70Text" on page 2427

##### 23.1.5.5.18.4.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Postal address of a party.

**Address <Adr>** contains the following elements (see "PostalAddress1" on page 2322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2323
	AddressLine <AdrLine>	[0..5]	Text		2323
	StreetName <StrtNm>	[0..1]	Text		2323
	BuildingNumber <BldgNb>	[0..1]	Text		2323
	PostCode <PstCd>	[0..1]	Text		2324
	TownName <TwnNm>	[0..1]	Text		2324
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2324
	Country <Ctry>	[1..1]	CodeSet	C1	2324

##### 23.1.5.5.18.5 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Identification of the currency in which the account is held.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.5.5.18.6 AccountIdentifier <AcctIdr>

*Presence:* [0..1]

*Definition:* Unique identifier of the account, as assigned by the account servicer.

**AccountIdentifier <AcctIdr>** contains one of the following **AccountIdentification39Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		2076
Or	MSISDN <MSISDN>	[1..1]	Text		2076
Or	EMail <EMail>	[1..1]	Text		2076
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2076
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2077
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2077
Or	Domestic <Dmst>	[1..1]	Text		2077
Or}	Other <Othr>	[1..1]	Text		2077

##### 23.1.5.5.5.18.6.1 Card <Card>

*Presence:* [1..1]

*Definition:* PAN of the card identifying the account.

*Datatype:* "Min8Max28NumericText" on page 2429

##### 23.1.5.5.5.18.6.2 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

*Datatype:* "Max16Text" on page 2425

##### 23.1.5.5.5.18.6.3 EMail <EMail>

*Presence:* [1..1]

*Definition:* E-mail identifying the account.

*Datatype:* "Max256Text" on page 2425

##### 23.1.5.5.5.18.6.4 IBAN <IBAN>

*Presence:* [1..1]



*Definition:* International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

*Impacted by:* C5 "IBAN"

*Datatype:* "IBANIdentifier" on page 2421

#### **Constraints**

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

#### **23.1.5.5.5.18.6.5 BBAN <BBAN>**

*Presence:* [1..1]

*Definition:* Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

*Datatype:* "BBANIdentifier" on page 2421

#### **23.1.5.5.5.18.6.6 UPIC <UPIC>**

*Presence:* [1..1]

*Definition:* Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Datatype:* "UPICIdentifier" on page 2422

#### **23.1.5.5.5.18.6.7 Domestic <Dmst>**

*Presence:* [1..1]

*Definition:* Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.5.18.6.8 Other <Othr>**

*Presence:* [1..1]

*Definition:* Other identifier.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.5.5.18.7 Servicer <Svcr>**

*Presence:* [0..1]

*Definition:* Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

**Servicer <Svcr>** contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2078
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2078

#### 23.1.5.5.5.18.7.1 AnyBIC <AnyBIC>

*Presence:* [1..1]

*Definition:* Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

#### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

#### 23.1.5.5.5.18.7.2 ProprietaryIdentification <PrtryId>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <PrtryId>** contains the following elements (see "GenericIdentification1" on page 2242 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2243
	SchemeName <SchmeNm>	[0..1]	Text		2243
	Issuer <Issr>	[0..1]	Text		2243

#### 23.1.5.5.5.19 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.6 CardPaymentDataSetTransaction31

*Definition:* Cancelled card payment transaction to be captured in a batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		2084
	Traceability <Tracblt>	[0..*]	±		2084
	Environment <Envt>	[1..1]			2084
	Acquirer <Acqrr>	[0..1]	±		2089
	Merchant <Mrchnt>	[0..1]			2089
	Identification <Id>	[0..1]	±		2089
	CommonName <CmonNm>	[0..1]	Text		2090
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2090
	LocationAndContact <LctnAndCtct>	[0..1]	±		2090
	SchemeData <SchmeData>	[0..1]	Text		2091
	POI <POI>	[0..1]			2091
	Identification <Id>	[1..1]	±		2091
	SystemName <SysNm>	[0..1]	Text		2092
	GroupIdentification <GrpId>	[0..1]	Text		2092
	Capabilities <Cpblties>	[0..1]	±		2092
	TimeZone <TmZone>	[0..1]	Text		2093
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2093
	Component <Cmpnt>	[0..*]	±		2094
	Card <Card>	[0..1]			2096
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2097
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2097
	PlainCardData <PlainCardData>	[0..1]	±		2097
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2098
	MaskedPAN <MskdPAN>	[0..1]	Text		2098
	IssuerBIN <IssrBIN>	[0..1]	Text		2098
	CardCountryCode <CardCtryCd>	[0..1]	Text		2098
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2098
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2099
	CardBrand <CardBrnd>	[0..1]	Text		2099
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2099
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2099

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2099
	AllowedProduct <AllwdPdct>	[0..*]	Text		2099
	ServiceOption <SvcOpn>	[0..1]	Text		2100
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2100
	CustomerDevice <CstmrDvc>	[0..1]	±		2100
	Wallet <Wlt>	[0..1]	±		2100
	PaymentToken <PmtTkn>	[0..1]	±		2100
	Cardholder <Crdhldr>	[0..1]			2101
	Identification <Id>	[0..1]			2105
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2105
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2105
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2106
	DriverIdentification <DrvrId>	[0..1]	Text		2106
	CustomerNumber <CstmrNb>	[0..1]	Text		2106
	SocialSecurityNumber <ScfSctyNb>	[0..1]	Text		2106
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2106
	PassportNumber <PsptNb>	[0..1]	Text		2106
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2106
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2106
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2107
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2107
	JobNumber <JobNb>	[0..1]	Text		2107
	Department <Dept>	[0..1]	Text		2107
	EmailAddress <EmailAdr>	[0..1]	Text		2107
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2107
	BirthDate <BirthDt>	[1..1]	Date		2107
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2108
	CityOfBirth <CityOfBirth>	[1..1]	Text		2108
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2108
	Other <Othr>	[0..*]	±		2108
	Name <Nm>	[0..1]	Text		2108

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[0..1]	CodeSet	C3	2108
	BillingAddress <BlgAdr>	[0..1]	±		2109
	ShippingAddress <ShppgAdr>	[0..1]	±		2109
	TripNumber <TripNb>	[0..1]	Text		2110
	Vehicle <Vhcl>	[0..1]	±		2110
	Authentication <Authntcn>	[0..*]			2111
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2113
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2114
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2115
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		2115
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2115
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2115
	PINFormat <PINFrmt>	[1..1]	CodeSet		2116
	AdditionalInput <AddtlInpt>	[0..1]	Text		2116
	CardholderIdentification <Crdhldrid>	[0..1]			2116
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2117
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2117
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2117
	DriverIdentification <Drvrld>	[0..1]	Text		2118
	CustomerNumber <CstmrNb>	[0..1]	Text		2118
	SocialSecurityNumber <ScI/SctyNb>	[0..1]	Text		2118
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2118
	PassportNumber <PsptNb>	[0..1]	Text		2118
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2118
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2118
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2118
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2119
	JobNumber <JobNb>	[0..1]	Text		2119
	Department <Dept>	[0..1]	Text		2119
	EmailAddress <EmailAdr>	[0..1]	Text		2119
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2119

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2119
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2119
	CityOfBirth <CityOfBirth>	[1..1]	Text		2120
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2120
	Other <Othr>	[0..*]	±		2120
	AddressVerification <AdrVrfctn>	[0..1]			2120
	AddressDigits <AdrDgts>	[0..1]	Text		2120
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2121
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2121
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2121
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2121
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2121
	Identification <Id>	[1..1]	Text		2122
	Value <Val>	[0..1]	Binary		2122
	ProtectedValue <PrctcdVal>	[0..1]	±		2122
	Type <Tp>	[0..1]	Text		2122
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2122
	Method <Mtd>	[1..1]	CodeSet		2123
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2124
	Result <Rslt>	[0..1]	CodeSet		2124
	AdditionalResult <AddtlRslt>	[0..1]	Text		2124
	PersonalData <PrsnlData>	[0..1]	Text		2125
	MobileData <MobData>	[0..*]			2125
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2125
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2125
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2126
	Geolocation <Glctn>	[0..1]			2126
	GeographicCoordinates <GeogcCordints>	[0..1]			2126
	Latitude <Lat>	[1..1]	Text		2126
	Longitude <Long>	[1..1]	Text		2126
	UTMCoordinates <UTMCordints>	[0..1]			2127

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2127
	UTMEastward <UTMEstwr>	[1..1]	Text		2127
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2127
	SensitiveMobileData <SnstvMobData>	[0..1]			2127
	MSISDN <MSISDN>	[1..1]	Text		2128
	IMSI <IMSI>	[0..1]	Text		2128
	IMEI <IMEI>	[0..1]	Text		2128
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2128
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2128
	Context <Cntxt>	[0..1]	±		2129
	Transaction <Tx>	[1..1]			2132
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2134
	CustomerConsent <CstmrCnsnt>	[0..*]	Indicator		2134
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2134
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2134
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2134
	TransactionIdentification <TxId>	[1..1]	±		2134
	OriginalTransaction <OrgnlTx>	[0..1]	±		2135
	TransactionSuccess <TxSucss>	[1..1]	Indicator		2135
	Reversal <Rvsl>	[0..1]	Indicator		2135
	FailureReason <FailrRsn>	[0..*]	CodeSet		2136
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2136
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		2136
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2137
	InterchangeData <IntrchgData>	[0..1]	Text		2137
	TransactionDetails <TxDtls>	[1..1]			2137
	Currency <Ccy>	[0..1]	CodeSet	C1	2137
	TotalAmount <TtlAmt>	[1..1]	Amount		2137
	ValidityDate <VldtyDt>	[0..1]	Date		2138
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2138
	AuthorisationResult <AuthstnRslt>	[0..1]			2138

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2138
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2139
	Response <Rspn>	[1..1]	CodeSet		2139
	ResponseReason <RspnRsn>	[0..1]	Text		2139
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2139
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2140
	TMSTrigger <TMSTrggr>	[0..1]			2140
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2140
	TMSIdentification <TMSId>	[0..1]	Text		2140
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2140
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2140

#### 23.1.5.6.1 TransactionSequenceCounter <TxSeqCntr>

*Presence:* [1..1]

*Definition:* Sequential counter of the transaction.

*Datatype:* "Max9NumericText" on page 2428

#### 23.1.5.6.2 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in the exchange from the merchant to the issuer, with the corresponding timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "Traceability8" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 23.1.5.6.3 Environment <Envt>

*Presence:* [1..1]

*Definition:* Data related to the environment of the cancelled transaction captured in batch.



**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2089
	Merchant <Mrchnt>	[0..1]			2089
	Identification <Id>	[0..1]	±		2089
	CommonName <CmonNm>	[0..1]	Text		2090
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2090
	LocationAndContact <LctnAndCtct>	[0..1]	±		2090
	SchemeData <SchmeData>	[0..1]	Text		2091
	POI <POI>	[0..1]			2091
	Identification <Id>	[1..1]	±		2091
	SystemName <SysNm>	[0..1]	Text		2092
	GroupIdentification <GrpId>	[0..1]	Text		2092
	Capabilities <Cpblties>	[0..1]	±		2092
	TimeZone <TmZone>	[0..1]	Text		2093
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2093
	Component <Cmpnt>	[0..*]	±		2094
	Card <Card>	[0..1]			2096
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2097
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2097
	PlainCardData <PlainCardData>	[0..1]	±		2097
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2098
	MaskedPAN <MskdPAN>	[0..1]	Text		2098
	IssuerBIN <IssrBIN>	[0..1]	Text		2098
	CardCountryCode <CardCtryCd>	[0..1]	Text		2098
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2098
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2099
	CardBrand <CardBrnd>	[0..1]	Text		2099
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2099
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2099
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2099
	AllowedProduct <AllwdPdct>	[0..*]	Text		2099
	ServiceOption <SvcOptn>	[0..1]	Text		2100

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2100
	CustomerDevice <CstmrDvc>	[0..1]	±		2100
	Wallet <Wlt>	[0..1]	±		2100
	PaymentToken <PmtTkn>	[0..1]	±		2100
	Cardholder <Crhdldr>	[0..1]			2101
	Identification <Id>	[0..1]			2105
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2105
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2105
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2106
	DriverIdentification <DrvrId>	[0..1]	Text		2106
	CustomerNumber <CstmrNb>	[0..1]	Text		2106
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2106
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2106
	PassportNumber <PsptNb>	[0..1]	Text		2106
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2106
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2106
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2107
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2107
	JobNumber <JobNb>	[0..1]	Text		2107
	Department <Dept>	[0..1]	Text		2107
	EmailAddress <EmailAdr>	[0..1]	Text		2107
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2107
	BirthDate <BirthDt>	[1..1]	Date		2107
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2108
	CityOfBirth <CityOfBirth>	[1..1]	Text		2108
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2108
	Other <Othr>	[0..*]	±		2108
	Name <Nm>	[0..1]	Text		2108
	Language <Lang>	[0..1]	CodeSet	C3	2108
	BillingAddress <BllgAdr>	[0..1]	±		2109
	ShippingAddress <ShppgAdr>	[0..1]	±		2109

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TripNumber <TripNb>	[0..1]	Text		2110
	Vehicle <Vhcl>	[0..1]	±		2110
	Authentication <Authntcn>	[0..*]			2111
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2113
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2114
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2115
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2115
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2115
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2115
	PINFormat <PINFrmt>	[1..1]	CodeSet		2116
	AdditionalInput <AddtlInpt>	[0..1]	Text		2116
	CardholderIdentification <Crdhldrld>	[0..1]			2116
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2117
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2117
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2117
	DriverIdentification <Drvrld>	[0..1]	Text		2118
	CustomerNumber <CstmrNb>	[0..1]	Text		2118
	SocialSecurityNumber <ScfSctyNb>	[0..1]	Text		2118
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2118
	PassportNumber <PsptNb>	[0..1]	Text		2118
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2118
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2118
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2118
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2119
	JobNumber <JobNb>	[0..1]	Text		2119
	Department <Dept>	[0..1]	Text		2119
	EmailAddress <EmailAdr>	[0..1]	Text		2119
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2119
	BirthDate <BirthDt>	[1..1]	Date		2119
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2119
	CityOfBirth <CityOfBirth>	[1..1]	Text		2120

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2120
	Other <Othr>	[0..*]	±		2120
	AddressVerification <AdrVrfctn>	[0..1]			2120
	AddressDigits <AdrDgts>	[0..1]	Text		2120
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2121
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2121
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2121
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2121
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2121
	Identification <Id>	[1..1]	Text		2122
	Value <Val>	[0..1]	Binary		2122
	ProtectedValue <PrctcdVal>	[0..1]	±		2122
	Type <Tp>	[0..1]	Text		2122
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2122
	Method <Mtd>	[1..1]	CodeSet		2123
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2124
	Result <Rslt>	[0..1]	CodeSet		2124
	AdditionalResult <AddtlRslt>	[0..1]	Text		2124
	PersonalData <PrsnlData>	[0..1]	Text		2125
	MobileData <MobData>	[0..*]			2125
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2125
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2125
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2126
	Geolocation <Glctn>	[0..1]			2126
	GeographicCoordinates <GeogcCordints>	[0..1]			2126
	Latitude <Lat>	[1..1]	Text		2126
	Longitude <Long>	[1..1]	Text		2126
	UTMCoordinates <UTMCordints>	[0..1]			2127
	UTMZone <UTMZone>	[1..1]	Text		2127
	UTMEastward <UTMEstwr>	[1..1]	Text		2127
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2127

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SensitiveMobileData <SnstvMobData>	[0..1]			2127
	MSISDN <MSISDN>	[1..1]	Text		2128
	IMSI <IMSI>	[0..1]	Text		2128
	IMEI <IMEI>	[0..1]	Text		2128
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2128
	ProtectedCardholderData <PrtctdCrdhldrData>	[0..1]	±		2128

#### 23.1.5.6.3.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 23.1.5.6.3.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

*Usage:* In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		2089
	CommonName <CmonNm>	[0..1]	Text		2090
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2090
	LocationAndContact <LctnAndCtct>	[0..1]	±		2090
	SchemeData <SchmeData>	[0..1]	Text		2091

##### 23.1.5.6.3.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 23.1.5.6.3.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 23.1.5.6.3.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 23.1.5.6.3.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

#### 23.1.5.6.3.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

#### 23.1.5.6.3.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		2091
	SystemName <SysNm>	[0..1]	Text		2092
	GroupIdentification <Grpld>	[0..1]	Text		2092
	Capabilities <Cpblties>	[0..1]	±		2092
	TimeZone <TmZone>	[0..1]	Text		2093
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2093
	Component <Cmpnt>	[0..*]	±		2094

#### 23.1.5.6.3.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 23.1.5.6.3.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 23.1.5.6.3.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 23.1.5.6.3.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.



**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 23.1.5.6.3.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.6.3.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 23.1.5.6.3.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 23.1.5.6.3.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2097
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2097
	PlainCardData <PlainCardData>	[0..1]	±		2097
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2098
	MaskedPAN <MskdPAN>	[0..1]	Text		2098
	IssuerBIN <IssrBIN>	[0..1]	Text		2098
	CardCountryCode <CardCtryCd>	[0..1]	Text		2098
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2098
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2099
	CardBrand <CardBrnd>	[0..1]	Text		2099
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2099
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2099
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2099
	AllowedProduct <AllwdPdct>	[0..*]	Text		2099
	ServiceOption <SvcOptn>	[0..1]	Text		2100
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2100

#### 23.1.5.6.3.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.6.3.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.6.3.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 23.1.5.6.3.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.6.3.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 23.1.5.6.3.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 23.1.5.6.3.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 23.1.5.6.3.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 23.1.5.6.3.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 23.1.5.6.3.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.6.3.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.6.3.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.6.3.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 23.1.5.6.3.6 Wallet <Wilt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wilt>** contains the following elements (see "[CustomerDevice1](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 23.1.5.6.3.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.



**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 23.1.5.6.3.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			2105
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2105
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2105
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2106
	DriverIdentification <DrvrId>	[0..1]	Text		2106
	CustomerNumber <CstmrNb>	[0..1]	Text		2106
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2106
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2106
	PassportNumber <PsptNb>	[0..1]	Text		2106
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2106
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2106
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2107
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2107
	JobNumber <JobNb>	[0..1]	Text		2107
	Department <Dept>	[0..1]	Text		2107
	EmailAddress <EmailAdr>	[0..1]	Text		2107
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2107
	BirthDate <BirthDt>	[1..1]	Date		2107
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2108
	CityOfBirth <CityOfBirth>	[1..1]	Text		2108
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2108
	Other <Othr>	[0..*]	±		2108
	Name <Nm>	[0..1]	Text		2108
	Language <Lang>	[0..1]	CodeSet	C3	2108
	BillingAddress <BllgAdr>	[0..1]	±		2109
	ShippingAddress <ShppgAdr>	[0..1]	±		2109
	TripNumber <TripNb>	[0..1]	Text		2110
	Vehicle <Vhcl>	[0..1]	±		2110
	Authentication <Authntcn>	[0..*]			2111
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2113
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2114

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2115
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2115
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2115
	EncryptedPINBlock <NcrptdPINBick>	[1..1]	±		2115
	PINFormat <PINFrmt>	[1..1]	CodeSet		2116
	AdditionalInput <AddtlInpt>	[0..1]	Text		2116
	CardholderIdentification <Crhdldrld>	[0..1]			2116
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2117
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2117
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2117
	DriverIdentification <Drvrld>	[0..1]	Text		2118
	CustomerNumber <CstmrNb>	[0..1]	Text		2118
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2118
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2118
	PassportNumber <PsptNb>	[0..1]	Text		2118
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2118
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2118
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2118
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2119
	JobNumber <JobNb>	[0..1]	Text		2119
	Department <Dept>	[0..1]	Text		2119
	EmailAddress <EmailAdr>	[0..1]	Text		2119
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2119
	BirthDate <BirthDt>	[1..1]	Date		2119
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2119
	CityOfBirth <CityOfBirth>	[1..1]	Text		2120
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2120
	Other <Othr>	[0..*]	±		2120
	AddressVerification <AdrVrfctn>	[0..1]			2120
	AddressDigits <AdrDgts>	[0..1]	Text		2120
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2121

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2121
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2121
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2121
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2121
	Identification <Id>	[1..1]	Text		2122
	Value <Val>	[0..1]	Binary		2122
	ProtectedValue <PrctcdVal>	[0..1]	±		2122
	Type <Tp>	[0..1]	Text		2122
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2122
	Method <Mtd>	[1..1]	CodeSet		2123
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2124
	Result <Rslt>	[0..1]	CodeSet		2124
	AdditionalResult <AddtlRslt>	[0..1]	Text		2124
	PersonalData <PrsnlData>	[0..1]	Text		2125
	MobileData <MobData>	[0..*]			2125
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2125
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2125
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2126
	Geolocation <Glctn>	[0..1]			2126
	GeographicCoordinates <GeogcCordints>	[0..1]			2126
	Latitude <Lat>	[1..1]	Text		2126
	Longitude <Long>	[1..1]	Text		2126
	UTMCoordinates <UTMCordints>	[0..1]			2127
	UTMZone <UTMZone>	[1..1]	Text		2127
	UTMEastward <UTMEstwr>	[1..1]	Text		2127
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2127
	SensitiveMobileData <SnstvMobData>	[0..1]			2127
	MSISDN <MSISDN>	[1..1]	Text		2128
	IMSI <IMSI>	[0..1]	Text		2128
	IMEI <IMEI>	[0..1]	Text		2128
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2128

### 23.1.5.6.3.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2105
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2105
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2106
	DriverIdentification <DrvrId>	[0..1]	Text		2106
	CustomerNumber <CstmrNb>	[0..1]	Text		2106
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2106
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2106
	PassportNumber <PsptNb>	[0..1]	Text		2106
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2106
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2106
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2107
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2107
	JobNumber <JobNb>	[0..1]	Text		2107
	Department <Dept>	[0..1]	Text		2107
	EmailAddress <EmailAdr>	[0..1]	Text		2107
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2107
	BirthDate <BirthDt>	[1..1]	Date		2107
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2108
	CityOfBirth <CityOfBirth>	[1..1]	Text		2108
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2108
	Other <Othr>	[0..*]	±		2108

#### 23.1.5.6.3.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.1.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 23.1.5.6.3.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2107
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2108
	CityOfBirth <CityOfBirth>	[1..1]	Text		2108
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2108

#### 23.1.5.6.3.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 23.1.5.6.3.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 23.1.5.6.3.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 23.1.5.6.3.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 23.1.5.6.3.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"



*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 23.1.5.6.3.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 23.1.5.6.3.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 23.1.5.6.3.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 23.1.5.6.3.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2113
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2114
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2115
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2115
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2115
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2115
	PINFormat <PINFrmt>	[1..1]	CodeSet		2116
	AdditionalInput <AddtlInpt>	[0..1]	Text		2116
	CardholderIdentification <CrhdldrId>	[0..1]			2116
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2117
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2117
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2117
	DriverIdentification <DrvrId>	[0..1]	Text		2118
	CustomerNumber <CstmrNb>	[0..1]	Text		2118
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2118
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2118
	PassportNumber <PsptNb>	[0..1]	Text		2118
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2118
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2118
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2118
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2119
	JobNumber <JobNb>	[0..1]	Text		2119
	Department <Dept>	[0..1]	Text		2119
	EmailAddress <EmailAdr>	[0..1]	Text		2119
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2119
	BirthDate <BirthDt>	[1..1]	Date		2119
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2119
	CityOfBirth <CityOfBirth>	[1..1]	Text		2120
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2120
	Other <Othr>	[0..*]	±		2120
	AddressVerification <AdrVrfctn>	[0..1]			2120

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2120
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2121
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2121
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2121
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2121
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2121
	Identification <Id>	[1..1]	Text		2122
	Value <Val>	[0..1]	Binary		2122
	ProtectedValue <PrctcdVal>	[0..1]	±		2122
	Type <Tp>	[0..1]	Text		2122

#### 23.1.5.6.3.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 23.1.5.6.3.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 23.1.5.6.3.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 23.1.5.6.3.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.6.3.8.8.5 CardholderOnLinePIN <CrhdldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrhdldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2115
	PINFormat <PINFrmt>	[1..1]	CodeSet		2116
	AdditionalInput <AddtlInpt>	[0..1]	Text		2116

#### 23.1.5.6.3.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.6.3.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 23.1.5.6.3.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.8.6 CardholderIdentification <Crdhldrld>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.



**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2117
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2117
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2117
	DriverIdentification <DrvrId>	[0..1]	Text		2118
	CustomerNumber <CstmrNb>	[0..1]	Text		2118
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2118
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2118
	PassportNumber <PsptNb>	[0..1]	Text		2118
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2118
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2118
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2118
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2119
	JobNumber <JobNb>	[0..1]	Text		2119
	Department <Dept>	[0..1]	Text		2119
	EmailAddress <EmailAdr>	[0..1]	Text		2119
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2119
	BirthDate <BirthDt>	[1..1]	Date		2119
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2119
	CityOfBirth <CityOfBirth>	[1..1]	Text		2120
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2120
	Other <Othr>	[0..*]	±		2120

#### 23.1.5.6.3.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.8.6.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.8.6.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 23.1.5.6.3.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2119
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2119
	CityOfBirth <CityOfBirth>	[1..1]	Text		2120
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2120

##### 23.1.5.6.3.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

##### 23.1.5.6.3.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.6.3.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.6.3.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

#### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### 23.1.5.6.3.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

### 23.1.5.6.3.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2120
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2121

### 23.1.5.6.3.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

### 23.1.5.6.3.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

### 23.1.5.6.3.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.6.3.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.6.3.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

### 23.1.5.6.3.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2122
	Value <Val>	[0..1]	Binary		2122
	ProtectedValue <PrctcdVal>	[0..1]	±		2122
	Type <Tp>	[0..1]	Text		2122

#### 23.1.5.6.3.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.6.3.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.6.3.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstddData>	[0..1]	±		2334

#### 23.1.5.6.3.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.6.3.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		2123
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2124
	Result <RsIt>	[0..1]	CodeSet		2124
	AdditionalResult <AddtlRsIt>	[0..1]	Text		2124

#### 23.1.5.6.3.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 23.1.5.6.3.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 23.1.5.6.3.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 23.1.5.6.3.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427



### 23.1.5.6.3.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

### 23.1.5.6.3.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2125
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2125
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2126
	Geolocation <Glctn>	[0..1]			2126
	GeographicCoordinates <GeogcCordints>	[0..1]			2126
	Latitude <Lat>	[1..1]	Text		2126
	Longitude <Long>	[1..1]	Text		2126
	UTMCoordinates <UTMCordints>	[0..1]			2127
	UTMZone <UTMZone>	[1..1]	Text		2127
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2127
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2127
	SensitiveMobileData <SnstvMobData>	[0..1]			2127
	MSISDN <MSISDN>	[1..1]	Text		2128
	IMSI <IMSI>	[0..1]	Text		2128
	IMEI <IMEI>	[0..1]	Text		2128
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2128

#### 23.1.5.6.3.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

#### 23.1.5.6.3.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

### 23.1.5.6.3.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.6.3.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	GeographicCoordinates <GeogcCordints>	[0..1]			2126
	Latitude <Lat>	[1..1]	Text		2126
	Longitude <Long>	[1..1]	Text		2126
	UTMCoordinates <UTMCordints>	[0..1]			2127
	UTMZone <UTMZone>	[1..1]	Text		2127
	UTMEastward <UTMEstwr>	[1..1]	Text		2127
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2127

#### 23.1.5.6.3.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Latitude <Lat>	[1..1]	Text		2126
	Longitude <Long>	[1..1]	Text		2126

#### 23.1.5.6.3.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.3.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.6.3.8.11.4.2 UTMCoordinates <UTMCordints>**

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2127
	UTMEastward <UTMEstwr>	[1..1]	Text		2127
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2127

##### **23.1.5.6.3.8.11.4.2.1 UTMZone <UTMZone>**

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.6.3.8.11.4.2.2 UTMEastward <UTMEstwr>**

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.6.3.8.11.4.2.3 UTMNorthward <UTMNrthwr>**

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.6.3.8.11.5 SensitiveMobileData <SnstvMobData>**

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MSISDN <MSISDN>	[1..1]	Text		2128
	IMSI <IMSI>	[0..1]	Text		2128
	IMEI <IMEI>	[0..1]	Text		2128

#### 23.1.5.6.3.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.6.3.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.6.3.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.6.3.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.6.3.9 ProtectedCardholderData <PrtctdCrdhldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.6.4 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context in which the transaction is performed (payment and sale).

**Context <Cntxt>** contains the following elements (see "CardPaymentContext28" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			2283
	CardPresent <CardPres>	[0..1]	Indicator		2283
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		2283
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2283
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2284
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2284
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2284
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2285
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		2286
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		2286
	SaleContext <SaleCntxt>	[0..1]			2286
	SaleIdentification <SaleId>	[0..1]	Text		2287
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2287
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2288
	CashierIdentification <CshrId>	[0..1]	Text		2288
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	2288
	ShiftNumber <ShftNb>	[0..1]	Text		2288
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		2288
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		2288
	InvoiceNumber <InvcNb>	[0..1]	Text		2288
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2289
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2289
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		2289
	SplitPayment <SpltPmt>	[0..1]	Indicator		2290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		2290
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2290
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2290
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2290
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2291
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2291
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2291
	DebtorIdentification <DbtrId>	[0..1]			2292
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296
	CreditorIdentification <CdtrId>	[1..1]			2296
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2298
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		2299

#### 23.1.5.6.5 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Card payment cancellation transaction between an acceptor and an acquirer.



**Transaction <Tx>** contains the following **CardPaymentTransaction95** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2134
	CustomerConsent <CstmrCnsnt>	[0..*]	Indicator		2134
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2134
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2134
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2134
	TransactionIdentification <TxId>	[1..1]	±		2134
	OriginalTransaction <OrgnlTx>	[0..1]	±		2135
	TransactionSuccess <TxSucss>	[1..1]	Indicator		2135
	Reversal <Rvs/ >	[0..1]	Indicator		2135
	FailureReason <FailrRsn>	[0..*]	CodeSet		2136
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2136
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		2136
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2137
	InterchangeData <IntrchgData>	[0..1]	Text		2137
	TransactionDetails <TxDtls>	[1..1]			2137
	Currency <Ccy>	[0..1]	CodeSet	C1	2137
	TotalAmount <TtlAmt>	[1..1]	Amount		2137
	ValidityDate <VldtyDt>	[0..1]	Date		2138
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2138
	AuthorisationResult <AuthstnRslt>	[0..1]			2138
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2138
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2139
	Response <Rspn>	[1..1]	CodeSet		2139
	ResponseReason <RspnRsn>	[0..1]	Text		2139
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2139
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2140
	TMSTrigger <TMSTrggr>	[0..1]			2140
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2140
	TMSIdentification <TMSId>	[0..1]	Text		2140
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2140
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2140

#### 23.1.5.6.5.1 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [1..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* "Min3Max4Text" on page 2429

#### 23.1.5.6.5.2 CustomerConsent <CstmrCnsnt>

*Presence:* [0..\*]

*Definition:* This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.6.5.3 CardProgrammeProposed <CardPrgrmmPropsd>

*Presence:* [0..\*]

*Definition:* The card programme proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.5.4 CardProgrammeApplied <CardPrgrmmApld>

*Presence:* [0..1]

*Definition:* The card programme actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.5.5 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.5.6 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

### 23.1.5.6.5.7 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following elements (see "[CardPaymentTransaction101](#)" on page 1883 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1884
	TransactionIdentification <TxId>	[1..1]	±		1884
	POIIdentification <POIID>	[0..1]	±		1884
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1885
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1885
	TransactionType <TxTp>	[1..1]	CodeSet		1885
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1886
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1886
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1887
	TransactionResult <TxRslt>	[0..1]			1887
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1888
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1888
	Response <Rspn>	[1..1]	CodeSet		1888
	ResponseReason <RspnRsn>	[0..1]	Text		1889
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1889
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1889

### 23.1.5.6.5.8 TransactionSuccess <TxSucss>

*Presence:* [1..1]

*Definition:* Outcome of the transaction at the acceptor.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

### 23.1.5.6.5.9 Reversal <Rvsl>

*Presence:* [0..1]

*Definition:* Notify that a previous transaction has to be reversed if this original transaction has been approved by the acquirer.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.6.5.10 FailureReason <FailRsn>

*Presence:* [0..\*]

*Definition:* List of incidents during the transaction.

*Datatype:* "FailureReason3Code" on page 2401

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

#### 23.1.5.6.5.11 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.5.12 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

### 23.1.5.6.5.13 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.6.5.14 InterchangeData <IntrchgData>

*Presence:* [0..1]

*Definition:* Interchange information related to the card scheme.

*Datatype:* "Max140Text" on page 2424

### 23.1.5.6.5.15 TransactionDetails <TxDtls>

*Presence:* [1..1]

*Definition:* Details of the transaction.

**TransactionDetails <TxDtls>** contains the following **CardPaymentTransactionDetails34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	2137
	TotalAmount <TtlAmt>	[1..1]	Amount		2137
	ValidityDate <VldtyDt>	[0..1]	Date		2138
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2138

#### 23.1.5.6.5.15.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.6.5.15.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.5.6.5.15.3 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

### 23.1.5.6.5.15.4 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

### 23.1.5.6.5.16 AuthorisationResult <AuthstnRslt>

*Presence:* [0..1]

*Definition:* Outcome of the authorisation.

**AuthorisationResult <AuthstnRslt>** contains the following **AuthorisationResult12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2138
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2139
	Response <Rspn>	[1..1]	CodeSet		2139
	ResponseReason <RspnRsn>	[0..1]	Text		2139
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2139
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2140
	TMSTrigger <TMSTrggr>	[0..1]			2140
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2140
	TMSIdentification <TMSId>	[0..1]	Text		2140
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2140

### 23.1.5.6.5.16.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 2250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2250
	Type <Tp>	[1..1]	CodeSet		2250
	Issuer <Issr>	[0..1]	CodeSet		2250
	Country <Ctry>	[0..1]	Text		2251
	ShortName <ShrtNm>	[0..1]	Text		2251

#### 23.1.5.6.5.16.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation request.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2139
	ResponseReason <RspnRsn>	[0..1]	Text		2139
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2139

##### 23.1.5.6.5.16.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "[Response4Code](#)" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

##### 23.1.5.6.5.16.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "[Max35Text](#)" on page 2426

##### 23.1.5.6.5.16.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "[Max140Text](#)" on page 2424

### 23.1.5.6.5.16.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Min6Max8Text" on page 2429

### 23.1.5.6.5.16.4 TMSTrigger <TMSTrggr>

*Presence:* [0..1]

*Definition:* Acquirer has requested a contact to the maintenance host.

**TMSTrigger <TMSTrggr>** contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2140
	TMSIdentification <TMSId>	[0..1]	Text		2140
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2140

#### 23.1.5.6.5.16.4.1 TMSContactLevel <TMSCtctLvl>

*Presence:* [1..1]

*Definition:* Level of urgency in contacting the maintenance.

*Datatype:* "TMSContactLevel1Code" on page 2415

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

#### 23.1.5.6.5.16.4.2 TMSIdentification <TMSId>

*Presence:* [0..1]

*Definition:* Identification of the host to contact for the maintenance.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.6.5.16.4.3 TMSContactDateTime <TMSCtctDtTm>

*Presence:* [0..1]

*Definition:* Date and time for calling the maintenance.

*Datatype:* "ISODateTime" on page 2420

### 23.1.5.6.5.17 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2427



### **23.1.5.7 CardPaymentDataSetTransaction30**

*Definition:* Completed card payment transaction to be captured in batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		2150
	Traceability <Tracblt>	[0..*]	±		2150
	Environment <Envt>	[1..1]			2151
	Acquirer <Acqrr>	[0..1]	±		2156
	Merchant <Mrchnt>	[0..1]			2156
	Identification <Id>	[0..1]	±		2156
	CommonName <CmonNm>	[0..1]	Text		2157
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2157
	LocationAndContact <LctnAndCtct>	[0..1]	±		2157
	SchemeData <SchmeData>	[0..1]	Text		2158
	POI <POI>	[0..1]			2158
	Identification <Id>	[1..1]	±		2158
	SystemName <SysNm>	[0..1]	Text		2159
	GroupIdentification <GrpId>	[0..1]	Text		2159
	Capabilities <Cpblties>	[0..1]	±		2159
	TimeZone <TmZone>	[0..1]	Text		2160
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2160
	Component <Cmpnt>	[0..*]	±		2161
	Card <Card>	[0..1]			2163
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2164
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2164
	PlainCardData <PlainCardData>	[0..1]	±		2164
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2165
	MaskedPAN <MskdPAN>	[0..1]	Text		2165
	IssuerBIN <IssrBIN>	[0..1]	Text		2165
	CardCountryCode <CardCtryCd>	[0..1]	Text		2165
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2165
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2166
	CardBrand <CardBrnd>	[0..1]	Text		2166
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2166
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2166
	AllowedProduct <AllwdPdct>	[0..*]	Text		2166
	ServiceOption <SvcOptn>	[0..1]	Text		2167
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2167
	CustomerDevice <CstmrDvc>	[0..1]	±		2167
	Wallet <Wlt>	[0..1]	±		2167
	PaymentToken <PmtTkn>	[0..1]	±		2167
	Cardholder <Crdhldr>	[0..1]			2168
	Identification <Id>	[0..1]			2172
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2172
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2172
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2173
	DriverIdentification <DrvrId>	[0..1]	Text		2173
	CustomerNumber <CstmrNb>	[0..1]	Text		2173
	SocialSecurityNumber <ScfSctyNb>	[0..1]	Text		2173
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2173
	PassportNumber <PsptNb>	[0..1]	Text		2173
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2173
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2173
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2174
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2174
	JobNumber <JobNb>	[0..1]	Text		2174
	Department <Dept>	[0..1]	Text		2174
	EmailAddress <EmailAdr>	[0..1]	Text		2174
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2174
	BirthDate <BirthDt>	[1..1]	Date		2174
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2175
	CityOfBirth <CityOfBirth>	[1..1]	Text		2175
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2175
	Other <Othr>	[0..*]	±		2175
	Name <Nm>	[0..1]	Text		2175

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[0..1]	CodeSet	C3	2175
	BillingAddress <BllgAdr>	[0..1]	±		2176
	ShippingAddress <ShppgAdr>	[0..1]	±		2176
	TripNumber <TripNb>	[0..1]	Text		2177
	Vehicle <Vhcl>	[0..1]	±		2177
	Authentication <Authntcn>	[0..*]			2178
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2180
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2181
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2182
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		2182
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2182
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2182
	PINFormat <PINFrmt>	[1..1]	CodeSet		2183
	AdditionalInput <AddtlInpt>	[0..1]	Text		2183
	CardholderIdentification <Crdhldrid>	[0..1]			2183
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2184
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2184
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2184
	DriverIdentification <DrvrId>	[0..1]	Text		2185
	CustomerNumber <CstmrNb>	[0..1]	Text		2185
	SocialSecurityNumber <ScI/SctyNb>	[0..1]	Text		2185
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2185
	PassportNumber <PsptNb>	[0..1]	Text		2185
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2185
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2185
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2185
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2186
	JobNumber <JobNb>	[0..1]	Text		2186
	Department <Dept>	[0..1]	Text		2186
	EmailAddress <EmailAdr>	[0..1]	Text		2186
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2186

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2186
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2186
	CityOfBirth <CityOfBirth>	[1..1]	Text		2187
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2187
	Other <Othr>	[0..*]	±		2187
	AddressVerification <AdrVrfctn>	[0..1]			2187
	AddressDigits <AdrDgts>	[0..1]	Text		2187
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2188
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2188
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2188
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2188
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2188
	Identification <Id>	[1..1]	Text		2189
	Value <Val>	[0..1]	Binary		2189
	ProtectedValue <PrctcdVal>	[0..1]	±		2189
	Type <Tp>	[0..1]	Text		2189
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2189
	Method <Mtd>	[1..1]	CodeSet		2190
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2191
	Result <Rslt>	[0..1]	CodeSet		2191
	AdditionalResult <AddtlRslt>	[0..1]	Text		2191
	PersonalData <PrsnlData>	[0..1]	Text		2192
	MobileData <MobData>	[0..*]			2192
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2192
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2192
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2193
	Geolocation <Glctn>	[0..1]			2193
	GeographicCoordinates <GeogcCordints>	[0..1]			2193
	Latitude <Lat>	[1..1]	Text		2193
	Longitude <Long>	[1..1]	Text		2193
	UTMCoordinates <UTMCordints>	[0..1]			2194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2194
	UTMEastward <UTMEstwr>	[1..1]	Text		2194
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2194
	SensitiveMobileData <SnstvMobData>	[0..1]			2194
	MSISDN <MSISDN>	[1..1]	Text		2195
	IMSI <IMSI>	[0..1]	Text		2195
	IMEI <IMEI>	[0..1]	Text		2195
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2195
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2195
	Context <Cntxt>	[0..1]	±		2196
	Transaction <Tx>	[1..1]			2199
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2204
	TransactionType <TxTp>	[0..1]	CodeSet		2204
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2205
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2205
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2206
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2206
	CustomerConsent <CstmrCnsnt>	[0..*]	Indicator		2206
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2206
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2206
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2206
	TransactionIdentification <TxId>	[1..1]	±		2207
	OriginalTransaction <OrgnlTx>	[0..1]	±		2207
	TransactionSuccess <TxSucss>	[1..1]	Indicator		2208
	Reversal <Rvsl>	[0..1]	Indicator		2208
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		2208
	FailureReason <FailrRsn>	[0..*]	CodeSet		2208
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2209
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		2209
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2209
	InterchangeData <IntrchnngData>	[0..1]	Text		2209

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtls>	[1..1]			2209
	Currency <Ccy>	[0..1]	CodeSet	C1	2211
	TotalAmount <TtlAmt>	[1..1]	Amount		2212
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2212
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2212
	DetailedAmount <DtdAmt>	[0..1]	±		2212
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2213
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2213
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2213
	ValidityDate <VldtyDt>	[0..1]	Date		2213
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2213
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2214
	AccountType <AcctTp>	[0..1]	CodeSet		2214
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2215
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2217
	Conversion <Convs>	[0..1]			2217
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2218
	TargetCurrency <TrgtCcy>	[1..1]			2219
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2219
	NumericCode <NmrcCd>	[1..1]	Text		2219
	Decimal <Dcml>	[1..1]	Quantity		2219
	Name <Nm>	[0..1]	Text		2219
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		2219
	ExchangeRate <XchgRate>	[1..1]	Rate		2220
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2220
	QuotationDate <QtnDt>	[0..1]	DateTime		2220
	ValidUntil <VldUntil>	[0..1]	DateTime		2220
	SourceCurrency <SrcCcy>	[1..1]			2220
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2220
	NumericCode <NmrcCd>	[0..1]	Text		2221
	Decimal <Dcml>	[0..1]	Quantity		2221

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2221
	OriginalAmount <OrgnlAmt>	[1..1]			2221
	ActualAmount <ActlAmt>	[0..1]	Amount		2221
	MinimumAmount <MinAmt>	[0..1]	Amount		2221
	MaximumAmount <MaxAmt>	[0..1]	Amount		2222
	CommissionDetails <ComssnDtls>	[0..*]			2222
	Amount <Amt>	[1..1]	Amount		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222
	MarkUpDetails <MrkUpDtls>	[0..*]			2222
	Rate <Rate>	[1..1]	Rate		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2223
	Instalment <Instlmt>	[0..1]	±		2223
	AggregationTransaction <AggtnTx>	[0..1]	±		2224
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2224
	SaleItem <Saleitm>	[0..*]	±		2225
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2225
	AdditionalInformation <AddtlInf>	[0..*]			2225
	Identification <Id>	[1..1]	Text		2226
	Value <Val>	[0..1]	Binary		2226
	ProtectedValue <PrctcdVal>	[0..1]	±		2226
	Type <Tp>	[0..1]	Text		2226
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2226
	AuthorisationResult <AuthstnRslt>	[0..1]			2227
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2227
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2227
	Response <Rspn>	[1..1]	CodeSet		2228
	ResponseReason <RspnRsn>	[0..1]	Text		2228
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2228
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2228
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2228



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		2228
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2229
	Result <Rslt>	[0..1]	CodeSet		2230
	AdditionalResult <AddtlRslt>	[0..1]	Text		2230
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2230
	AccountFrom <AcctFr>	[0..1]			2230
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2231
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2232
	AccountName <AcctNm>	[0..1]	Text		2232
	AccountOwner <AcctOwnr>	[0..1]			2233
	Name <Nm>	[1..1]	Text		2233
	Address <Adr>	[1..1]	±		2233
	Currency <Ccy>	[0..1]	CodeSet	C1	2233
	AccountIdentifier <AcctIdr>	[0..1]			2234
{Or	Card <Card>	[1..1]	Text		2234
Or	MSISDN <MSISDN>	[1..1]	Text		2234
Or	EMail <EMail>	[1..1]	Text		2234
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2234
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2235
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2235
Or	Domestic <Dmst>	[1..1]	Text		2235
Or}	Other <Othr>	[1..1]	Text		2235
	Servicer <Svcr>	[0..1]			2235
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2236
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2236
	AccountTo <AcctTo>	[0..1]			2236
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2237
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2238
	AccountName <AcctNm>	[0..1]	Text		2238
	AccountOwner <AcctOwnr>	[0..1]			2239
	Name <Nm>	[1..1]	Text		2239

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..1]	±		2239
	Currency <Ccy>	[0..1]	CodeSet	C1	2239
	AccountIdentifier <AcctIdr>	[0..1]			2240
{Or	Card <Card>	[1..1]	Text		2240
Or	MSISDN <MSISDN>	[1..1]	Text		2240
Or	EMail <EMail>	[1..1]	Text		2240
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2240
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2241
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2241
Or	Domestic <Dmst>	[1..1]	Text		2241
Or}	Other <Othr>	[1..1]	Text		2241
	Servicer <Svcr>	[0..1]			2241
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2242
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2242
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2242

#### 23.1.5.7.1 TransactionSequenceCounter <TxSeqCntr>

*Presence:* [1..1]

*Definition:* Sequential counter of the transaction.

*Datatype:* "Max9NumericText" on page 2428

#### 23.1.5.7.2 Traceability <Tracblt>

*Presence:* [0..\*]

*Definition:* Identification of partners involved in the exchange from the merchant to the issuer, with the corresponding timestamp of their exchanges.

**Traceability <Tracblt>** contains the following elements (see "Traceability8" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

### **23.1.5.7.3 Environment <Envt>**

*Presence:* [1..1]

*Definition:* Data related to the environment of the transaction in a transaction captured in batch.

**Environment <Envt>** contains the following **CardPaymentEnvironment74** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2156
	Merchant <Mrchnt>	[0..1]			2156
	Identification <Id>	[0..1]	±		2156
	CommonName <CmonNm>	[0..1]	Text		2157
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2157
	LocationAndContact <LctnAndCtct>	[0..1]	±		2157
	SchemeData <SchmeData>	[0..1]	Text		2158
	POI <POI>	[0..1]			2158
	Identification <Id>	[1..1]	±		2158
	SystemName <SysNm>	[0..1]	Text		2159
	GroupIdentification <GrpId>	[0..1]	Text		2159
	Capabilities <Cpblties>	[0..1]	±		2159
	TimeZone <TmZone>	[0..1]	Text		2160
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2160
	Component <Cmpnt>	[0..*]	±		2161
	Card <Card>	[0..1]			2163
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2164
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2164
	PlainCardData <PlainCardData>	[0..1]	±		2164
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2165
	MaskedPAN <MskdPAN>	[0..1]	Text		2165
	IssuerBIN <IssrBIN>	[0..1]	Text		2165
	CardCountryCode <CardCtryCd>	[0..1]	Text		2165
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2165
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2166
	CardBrand <CardBrnd>	[0..1]	Text		2166
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2166
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2166
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2166
	AllowedProduct <AllwdPdct>	[0..*]	Text		2166
	ServiceOption <SvcOptn>	[0..1]	Text		2167

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2167
	CustomerDevice <CstmrDvc>	[0..1]	±		2167
	Wallet <Wlt>	[0..1]	±		2167
	PaymentToken <PmtTkn>	[0..1]	±		2167
	Cardholder <CrdrHldr>	[0..1]			2168
	Identification <Id>	[0..1]			2172
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2172
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2172
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2173
	DriverIdentification <DrvrId>	[0..1]	Text		2173
	CustomerNumber <CstmrNb>	[0..1]	Text		2173
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2173
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2173
	PassportNumber <PsptNb>	[0..1]	Text		2173
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2173
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2173
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2174
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2174
	JobNumber <JobNb>	[0..1]	Text		2174
	Department <Dept>	[0..1]	Text		2174
	EmailAddress <EmailAdr>	[0..1]	Text		2174
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2174
	BirthDate <BirthDt>	[1..1]	Date		2174
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2175
	CityOfBirth <CityOfBirth>	[1..1]	Text		2175
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2175
	Other <Othr>	[0..*]	±		2175
	Name <Nm>	[0..1]	Text		2175
	Language <Lang>	[0..1]	CodeSet	C3	2175
	BillingAddress <BllgAdr>	[0..1]	±		2176
	ShippingAddress <ShppgAdr>	[0..1]	±		2176

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TripNumber <TripNb>	[0..1]	Text		2177
	Vehicle <Vhcl>	[0..1]	±		2177
	Authentication <Authntcn>	[0..*]			2178
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2180
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2181
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2182
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2182
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2182
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2182
	PINFormat <PINFrmt>	[1..1]	CodeSet		2183
	AdditionalInput <AddtlInpt>	[0..1]	Text		2183
	CardholderIdentification <Crdhldrld>	[0..1]			2183
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2184
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2184
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2184
	DriverIdentification <Drvrld>	[0..1]	Text		2185
	CustomerNumber <CstmrNb>	[0..1]	Text		2185
	SocialSecurityNumber <ScfSctyNb>	[0..1]	Text		2185
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2185
	PassportNumber <PsptNb>	[0..1]	Text		2185
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2185
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2185
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2185
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2186
	JobNumber <JobNb>	[0..1]	Text		2186
	Department <Dept>	[0..1]	Text		2186
	EmailAddress <EmailAdr>	[0..1]	Text		2186
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2186
	BirthDate <BirthDt>	[1..1]	Date		2186
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2186
	CityOfBirth <CityOfBirth>	[1..1]	Text		2187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2187
	Other <Othr>	[0..*]	±		2187
	AddressVerification <AdrVrfctn>	[0..1]			2187
	AddressDigits <AdrDgts>	[0..1]	Text		2187
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2188
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2188
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2188
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2188
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2188
	Identification <Id>	[1..1]	Text		2189
	Value <Val>	[0..1]	Binary		2189
	ProtectedValue <PrctcdVal>	[0..1]	±		2189
	Type <Tp>	[0..1]	Text		2189
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2189
	Method <Mtd>	[1..1]	CodeSet		2190
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2191
	Result <Rslt>	[0..1]	CodeSet		2191
	AdditionalResult <AddtlRslt>	[0..1]	Text		2191
	PersonalData <PrsnlData>	[0..1]	Text		2192
	MobileData <MobData>	[0..*]			2192
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2192
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2192
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2193
	Geolocation <Glctn>	[0..1]			2193
	GeographicCoordinates <GeogcCordints>	[0..1]			2193
	Latitude <Lat>	[1..1]	Text		2193
	Longitude <Long>	[1..1]	Text		2193
	UTMCoordinates <UTMCordints>	[0..1]			2194
	UTMZone <UTMZone>	[1..1]	Text		2194
	UTMEastward <UTMEstwr>	[1..1]	Text		2194
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SensitiveMobileData <SnstvMobData>	[0..1]			2194
	MSISDN <MSISDN>	[1..1]	Text		2195
	IMSI <IMSI>	[0..1]	Text		2195
	IMEI <IMEI>	[0..1]	Text		2195
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2195
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2195

#### 23.1.5.7.3.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1838 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1838
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1838

#### 23.1.5.7.3.2 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

*Usage:* In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		2156
	CommonName <CmonNm>	[0..1]	Text		2157
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2157
	LocationAndContact <LctnAndCtct>	[0..1]	±		2157
	SchemeData <SchmeData>	[0..1]	Text		2158

##### 23.1.5.7.3.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.



**Identification <Id>** contains the following elements (see "[GenericIdentification32](#)" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 23.1.5.7.3.2.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "[Max70Text](#)" on page 2427

#### 23.1.5.7.3.2.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "[LocationCategory1Code](#)" on page 2404

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

#### 23.1.5.7.3.2.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1839 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1839
	Email <Email>	[0..1]	Text		1839
	URLAddress <URLAdr>	[0..1]	Text		1840
	Phone <Phne>	[0..1]	Text		1840
	CustomerService <CstmrSvc>	[0..1]	Text		1840
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1840

### 23.1.5.7.3.2.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "Max140Text" on page 2424

### 23.1.5.7.3.3 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		2158
	SystemName <SysNm>	[0..1]	Text		2159
	GroupIdentification <GrpId>	[0..1]	Text		2159
	Capabilities <Cpblties>	[0..1]	±		2159
	TimeZone <TmZone>	[0..1]	Text		2160
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2160
	Component <Cmpnt>	[0..*]	±		2161

### 23.1.5.7.3.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 23.1.5.7.3.3.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2427

#### 23.1.5.7.3.3.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2426

#### 23.1.5.7.3.3.4 Capabilities <Cpblties>

*Presence:* [0..1]

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities9" on page 2257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 23.1.5.7.3.3.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.7.3.3.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2404

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 23.1.5.7.3.3.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "PointOfInteractionComponent10" on page 2261 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 23.1.5.7.3.4 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2164
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2164
	PlainCardData <PlainCardData>	[0..1]	±		2164
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2165
	MaskedPAN <MskdPAN>	[0..1]	Text		2165
	IssuerBIN <IssrBIN>	[0..1]	Text		2165
	CardCountryCode <CardCtryCd>	[0..1]	Text		2165
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2165
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2166
	CardBrand <CardBrnd>	[0..1]	Text		2166
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2166
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2166
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2166
	AllowedProduct <AllwdPdct>	[0..*]	Text		2166
	ServiceOption <SvcOptn>	[0..1]	Text		2167
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2167

#### 23.1.5.7.3.4.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrtctdCardData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.7.3.4.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.7.3.4.3 PlainCardData <PlainCardData>

*Presence:* [0..1]



*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData** <PlainCardData> contains the following elements (see "PlainCardData15" on page 1843 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1844
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1844
	EffectiveDate <FctvDt>	[0..1]	Text		1844
	ExpiryDate <XpryDt>	[1..1]	Text		1844
	ServiceCode <SvcCd>	[0..1]	Text		1844
	Track1 <Trck1>	[0..1]	Text		1845
	Track2 <Trck2>	[0..1]	Text		1845
	Track3 <Trck3>	[0..1]	Text		1845
	CardholderName <CrdhldrNm>	[0..1]	Text		1845

#### 23.1.5.7.3.4.4 PaymentAccountReference <PmtAcctRef>

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.7.3.4.5 MaskedPAN <MskdPAN>

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.

*Datatype:* "Max30Text" on page 2425

#### 23.1.5.7.3.4.6 IssuerBIN <IssrBIN>

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2424

#### 23.1.5.7.3.4.7 CardCountryCode <CardCtryCd>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2426

#### 23.1.5.7.3.4.8 CardCurrencyCode <CardCcyCd>

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2423

#### 23.1.5.7.3.4.9 CardProductProfile <CardPdctPrfl>

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.4.10 CardBrand <CardBrnd>

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.4.11 CardProductType <CardPdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2397

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

#### 23.1.5.7.3.4.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additionnal information to identify CardProduct.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.4.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.7.3.4.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.7.3.4.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.4.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.7.3.5 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice1" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 23.1.5.7.3.6 Wallet <Wilt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wilt>** contains the following elements (see "CustomerDevice1" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 23.1.5.7.3.7 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "CardPaymentToken5" on page 2372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2374

#### 23.1.5.7.3.8 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			2172
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2172
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2172
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2173
	DriverIdentification <DrvrId>	[0..1]	Text		2173
	CustomerNumber <CstmrNb>	[0..1]	Text		2173
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2173
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2173
	PassportNumber <PsptNb>	[0..1]	Text		2173
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2173
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2173
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2174
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2174
	JobNumber <JobNb>	[0..1]	Text		2174
	Department <Dept>	[0..1]	Text		2174
	EmailAddress <EmailAdr>	[0..1]	Text		2174
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2174
	BirthDate <BirthDt>	[1..1]	Date		2174
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2175
	CityOfBirth <CityOfBirth>	[1..1]	Text		2175
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2175
	Other <Othr>	[0..*]	±		2175
	Name <Nm>	[0..1]	Text		2175
	Language <Lang>	[0..1]	CodeSet	C3	2175
	BillingAddress <BllgAdr>	[0..1]	±		2176
	ShippingAddress <ShppgAdr>	[0..1]	±		2176
	TripNumber <TripNb>	[0..1]	Text		2177
	Vehicle <Vhcl>	[0..1]	±		2177
	Authentication <Authntcn>	[0..*]			2178
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2180
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2182
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2182
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2182
	EncryptedPINBlock <NcrptdPINBlick>	[1..1]	±		2182
	PINFormat <PINFrmt>	[1..1]	CodeSet		2183
	AdditionalInput <AddtlInpt>	[0..1]	Text		2183
	CardholderIdentification <Crhdldrld>	[0..1]			2183
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2184
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2184
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2184
	DriverIdentification <Drvrld>	[0..1]	Text		2185
	CustomerNumber <CstmrNb>	[0..1]	Text		2185
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2185
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2185
	PassportNumber <PsptNb>	[0..1]	Text		2185
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2185
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2185
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2185
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2186
	JobNumber <JobNb>	[0..1]	Text		2186
	Department <Dept>	[0..1]	Text		2186
	EmailAddress <EmailAdr>	[0..1]	Text		2186
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2186
	BirthDate <BirthDt>	[1..1]	Date		2186
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2186
	CityOfBirth <CityOfBirth>	[1..1]	Text		2187
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2187
	Other <Othr>	[0..*]	±		2187
	AddressVerification <AdrVrfctn>	[0..1]			2187
	AddressDigits <AdrDgts>	[0..1]	Text		2187
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2188

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2188
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2188
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2188
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2188
	Identification <Id>	[1..1]	Text		2189
	Value <Val>	[0..1]	Binary		2189
	ProtectedValue <PrctcdVal>	[0..1]	±		2189
	Type <Tp>	[0..1]	Text		2189
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2189
	Method <Mtd>	[1..1]	CodeSet		2190
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2191
	Result <Rslt>	[0..1]	CodeSet		2191
	AdditionalResult <AddtlRslt>	[0..1]	Text		2191
	PersonalData <PrsnlData>	[0..1]	Text		2192
	MobileData <MobData>	[0..*]			2192
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2192
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2192
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2193
	Geolocation <Glctn>	[0..1]			2193
	GeographicCoordinates <GeogcCordints>	[0..1]			2193
	Latitude <Lat>	[1..1]	Text		2193
	Longitude <Long>	[1..1]	Text		2193
	UTMCoordinates <UTMCordints>	[0..1]			2194
	UTMZone <UTMZone>	[1..1]	Text		2194
	UTMEastward <UTMEstwr>	[1..1]	Text		2194
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2194
	SensitiveMobileData <SnstvMobData>	[0..1]			2194
	MSISDN <MSISDN>	[1..1]	Text		2195
	IMSI <IMSI>	[0..1]	Text		2195
	IMEI <IMEI>	[0..1]	Text		2195
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2195

### 23.1.5.7.3.8.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2172
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2172
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2173
	DriverIdentification <DrvrId>	[0..1]	Text		2173
	CustomerNumber <CstmrNb>	[0..1]	Text		2173
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2173
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2173
	PassportNumber <PsptNb>	[0..1]	Text		2173
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2173
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2173
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2174
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2174
	JobNumber <JobNb>	[0..1]	Text		2174
	Department <Dept>	[0..1]	Text		2174
	EmailAddress <EmailAdr>	[0..1]	Text		2174
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2174
	BirthDate <BirthDt>	[1..1]	Date		2174
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2175
	CityOfBirth <CityOfBirth>	[1..1]	Text		2175
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2175
	Other <Othr>	[0..*]	±		2175

#### 23.1.5.7.3.8.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.



*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.1.6 SocialSecurityNumber <SclSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

#### 23.1.5.7.3.8.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2174
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2175
	CityOfBirth <CityOfBirth>	[1..1]	Text		2175
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2175

#### 23.1.5.7.3.8.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 23.1.5.7.3.8.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### 23.1.5.7.3.8.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 23.1.5.7.3.8.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2427

#### 23.1.5.7.3.8.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 23.1.5.7.3.8.4 BillingAddress <BllgAdr>

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 23.1.5.7.3.8.5 ShippingAddress <ShppgAdr>

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 23.1.5.7.3.8.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmtr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 23.1.5.7.3.8.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2180
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2181
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2182
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2182
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2182
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2182
	PINFormat <PINFrmt>	[1..1]	CodeSet		2183
	AdditionalInput <AddtlInpt>	[0..1]	Text		2183
	CardholderIdentification <CrhdldrId>	[0..1]			2183
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2184
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2184
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2184
	DriverIdentification <DrvrId>	[0..1]	Text		2185
	CustomerNumber <CstmrNb>	[0..1]	Text		2185
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2185
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2185
	PassportNumber <PsptNb>	[0..1]	Text		2185
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2185
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2185
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2185
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2186
	JobNumber <JobNb>	[0..1]	Text		2186
	Department <Dept>	[0..1]	Text		2186
	EmailAddress <EmailAdr>	[0..1]	Text		2186
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2186
	BirthDate <BirthDt>	[1..1]	Date		2186
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2186
	CityOfBirth <CityOfBirth>	[1..1]	Text		2187
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2187
	Other <Othr>	[0..*]	±		2187
	AddressVerification <AdrVrfctn>	[0..1]			2187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2187
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2188
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2188
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2188
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2188
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2188
	Identification <Id>	[1..1]	Text		2189
	Value <Val>	[0..1]	Binary		2189
	ProtectedValue <PrctcdVal>	[0..1]	±		2189
	Type <Tp>	[0..1]	Text		2189

#### 23.1.5.7.3.8.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2389

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).



CodeName	Name	Definition
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

#### 23.1.5.7.3.8.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2400

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

#### 23.1.5.7.3.8.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2377

#### 23.1.5.7.3.8.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.7.3.8.8.5 CardholderOnLinePIN <CrhdldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrhdldrOnLinePIN>** contains the following **OnLinePIN7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2182
	PINFormat <PINFrmt>	[1..1]	CodeSet		2183
	AdditionalInput <AddtlInpt>	[0..1]	Text		2183

#### 23.1.5.7.3.8.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.7.3.8.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2410

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

#### 23.1.5.7.3.8.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.8.6 CardholderIdentification <Crdhldrld>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2184
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2184
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2184
	DriverIdentification <DrvrId>	[0..1]	Text		2185
	CustomerNumber <CstmrNb>	[0..1]	Text		2185
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2185
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2185
	PassportNumber <PsptNb>	[0..1]	Text		2185
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2185
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2185
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2185
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2186
	JobNumber <JobNb>	[0..1]	Text		2186
	Department <Dept>	[0..1]	Text		2186
	EmailAddress <EmailAdr>	[0..1]	Text		2186
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2186
	BirthDate <BirthDt>	[1..1]	Date		2186
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2186
	CityOfBirth <CityOfBirth>	[1..1]	Text		2187
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2187
	Other <Othr>	[0..*]	±		2187

#### 23.1.5.7.3.8.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.3.8.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.8.6.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.8.6.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.3.8.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.3.8.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.3.8.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.3.8.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2425

### 23.1.5.7.3.8.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2186
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2186
	CityOfBirth <CityOfBirth>	[1..1]	Text		2187
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C1	2187

#### 23.1.5.7.3.8.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2420

#### 23.1.5.7.3.8.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.3.8.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.3.8.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

#### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### 23.1.5.7.3.8.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 2252 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

### 23.1.5.7.3.8.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2187
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2188

### 23.1.5.7.3.8.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2427

### 23.1.5.7.3.8.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2427

### 23.1.5.7.3.8.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.3.8.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.3.8.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2390

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

### 23.1.5.7.3.8.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.



**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2189
	Value <Val>	[0..1]	Binary		2189
	ProtectedValue <PrctcdVal>	[0..1]	±		2189
	Type <Tp>	[0..1]	Text		2189

#### 23.1.5.7.3.8.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.7.3.8.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.7.3.8.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstddData>	[0..1]	±		2334

#### 23.1.5.7.3.8.8.11.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.7.3.8.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRsIt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		2190
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2191
	Result <RsIt>	[0..1]	CodeSet		2191
	AdditionalResult <AddtlRsIt>	[0..1]	Text		2191

#### 23.1.5.7.3.8.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 23.1.5.7.3.8.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 23.1.5.7.3.8.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 23.1.5.7.3.8.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

### 23.1.5.7.3.8.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2427

### 23.1.5.7.3.8.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2192
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2192
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2193
	Geolocation <Glctn>	[0..1]			2193
	GeographicCoordinates <GeogcCordints>	[0..1]			2193
	Latitude <Lat>	[1..1]	Text		2193
	Longitude <Long>	[1..1]	Text		2193
	UTMCoordinates <UTMCordints>	[0..1]			2194
	UTMZone <UTMZone>	[1..1]	Text		2194
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2194
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2194
	SensitiveMobileData <SnstvlMobData>	[0..1]			2194
	MSISDN <MSISDN>	[1..1]	Text		2195
	IMSI <IMSI>	[0..1]	Text		2195
	IMEI <IMEI>	[0..1]	Text		2195
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2195

#### 23.1.5.7.3.8.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2428

#### 23.1.5.7.3.8.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2428

### 23.1.5.7.3.8.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.3.8.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	GeographicCoordinates <GeogcCordints>	[0..1]			2193
	Latitude <Lat>	[1..1]	Text		2193
	Longitude <Long>	[1..1]	Text		2193
	UTMCoordinates <UTMCordints>	[0..1]			2194
	UTMZone <UTMZone>	[1..1]	Text		2194
	UTMEastward <UTMEstwr>	[1..1]	Text		2194
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2194

#### 23.1.5.7.3.8.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Latitude <Lat>	[1..1]	Text		2193
	Longitude <Long>	[1..1]	Text		2193

##### 23.1.5.7.3.8.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

##### 23.1.5.7.3.8.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.3.8.11.4.2 UTMCoordinates <UTMCordints>**

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2194
	UTMEastward <UTMEstwr>	[1..1]	Text		2194
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2194

##### **23.1.5.7.3.8.11.4.2.1 UTMZone <UTMZone>**

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.7.3.8.11.4.2.2 UTMEastward <UTMEstwr>**

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.7.3.8.11.4.2.3 UTMNorthward <UTMNrthwr>**

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2426

##### **23.1.5.7.3.8.11.5 SensitiveMobileData <SnstvMobData>**

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MSISDN <MSISDN>	[1..1]	Text		2195
	IMSI <IMSI>	[0..1]	Text		2195
	IMEI <IMEI>	[0..1]	Text		2195

#### 23.1.5.7.3.8.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.7.3.8.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.7.3.8.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.7.3.8.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.7.3.9 ProtectedCardholderData <PrtctdCrdhldrData>

*Presence:* [0..1]

*Definition:* Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

**ProtectedCardholderData <PrctcdCrhdldrData>** contains the following elements (see  
"ContentInformationType22" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

#### 23.1.5.7.4 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Data related to the context of the transaction.



**Context <Cntxt>** contains the following elements (see "[CardPaymentContext28](#)" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			2283
	CardPresent <CardPres>	[0..1]	Indicator		2283
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		2283
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2283
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2284
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2284
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2284
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2285
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		2286
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		2286
	SaleContext <SaleCntxt>	[0..1]			2286
	SaleIdentification <SaleId>	[0..1]	Text		2287
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2287
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2288
	CashierIdentification <CshrId>	[0..1]	Text		2288
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	2288
	ShiftNumber <ShftNb>	[0..1]	Text		2288
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		2288
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		2288
	InvoiceNumber <InvcNb>	[0..1]	Text		2288
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2289
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2289
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		2289
	SplitPayment <SpltPmt>	[0..1]	Indicator		2290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		2290
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2290
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2290
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2290
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2291
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2291
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2291
	DebtorIdentification <DbtrId>	[0..1]			2292
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296
	CreditorIdentification <CdtrId>	[1..1]			2296
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2298
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		2299

#### 23.1.5.7.5 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Transaction information to be captured.

**Transaction <Tx>** contains the following **CardPaymentTransaction99** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2204
	TransactionType <TxTp>	[0..1]	CodeSet		2204
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2205
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2205
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2206
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2206
	CustomerConsent <CstmrCnsnt>	[0..*]	Indicator		2206
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2206
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2206
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2206
	TransactionIdentification <TxId>	[1..1]	±		2207
	OriginalTransaction <OrgnlTx>	[0..1]	±		2207
	TransactionSuccess <TxSucss>	[1..1]	Indicator		2208
	Reversal <Rvs/>	[0..1]	Indicator		2208
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		2208
	FailureReason <FailrRsn>	[0..*]	CodeSet		2208
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2209
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		2209
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2209
	InterchangeData <IntrchgData>	[0..1]	Text		2209
	TransactionDetails <TxDtls>	[1..1]			2209
	Currency <Ccy>	[0..1]	CodeSet	C1	2211
	TotalAmount <TtlAmt>	[1..1]	Amount		2212
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2212
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2212
	DetailedAmount <DtldAmt>	[0..1]	±		2212
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2213
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2213
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2213
	ValidityDate <VldtyDt>	[0..1]	Date		2213
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2213

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UatnddLv/Ctgy>	[0..1]	Text		2214
	AccountType <AcctTp>	[0..1]	CodeSet		2214
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2215
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2217
	Conversion <Convs>	[0..1]			2217
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2218
	TargetCurrency <TrgtCcy>	[1..1]			2219
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2219
	NumericCode <NmrcCd>	[1..1]	Text		2219
	Decimal <Dcml>	[1..1]	Quantity		2219
	Name <Nm>	[0..1]	Text		2219
	ResultingAmount <RsltAmt>	[1..1]	Amount		2219
	ExchangeRate <XchgRate>	[1..1]	Rate		2220
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2220
	QuotationDate <QtnDt>	[0..1]	DateTime		2220
	ValidUntil <VldUntil>	[0..1]	DateTime		2220
	SourceCurrency <SrcCcy>	[1..1]			2220
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2220
	NumericCode <NmrcCd>	[0..1]	Text		2221
	Decimal <Dcml>	[0..1]	Quantity		2221
	Name <Nm>	[0..1]	Text		2221
	OriginalAmount <OrgnlAmt>	[1..1]			2221
	ActualAmount <ActlAmt>	[0..1]	Amount		2221
	MinimumAmount <MinAmt>	[0..1]	Amount		2221
	MaximumAmount <MaxAmt>	[0..1]	Amount		2222
	CommissionDetails <ComssnDtls>	[0..*]			2222
	Amount <Amt>	[1..1]	Amount		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222
	MarkUpDetails <MrkUpDtls>	[0..*]			2222
	Rate <Rate>	[1..1]	Rate		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2223
	Instalment <Instlmt>	[0..1]	±		2223
	AggregationTransaction <AggtnTx>	[0..1]	±		2224
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2224
	SaleItem <Saleitm>	[0..*]	±		2225
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2225
	AdditionalInformation <AddtlInf>	[0..*]			2225
	Identification <Id>	[1..1]	Text		2226
	Value <Val>	[0..1]	Binary		2226
	ProtectedValue <PrctcdVal>	[0..1]	±		2226
	Type <Tp>	[0..1]	Text		2226
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2226
	AuthorisationResult <AuthstnRslt>	[0..1]			2227
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2227
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2227
	Response <Rspn>	[1..1]	CodeSet		2228
	ResponseReason <RspnRsn>	[0..1]	Text		2228
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2228
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2228
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2228
	Method <Mtd>	[1..1]	CodeSet		2228
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2229
	Result <Rslt>	[0..1]	CodeSet		2230
	AdditionalResult <AddtlRslt>	[0..1]	Text		2230
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2230
	AccountFrom <AcctFr>	[0..1]			2230
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2231
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2232
	AccountName <AcctNm>	[0..1]	Text		2232
	AccountOwner <AcctOwnr>	[0..1]			2233
	Name <Nm>	[1..1]	Text		2233

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..1]	±		2233
	Currency <Ccy>	[0..1]	CodeSet	C1	2233
	AccountIdentifier <AcctIdr>	[0..1]			2234
{Or	Card <Card>	[1..1]	Text		2234
Or	MSISDN <MSISDN>	[1..1]	Text		2234
Or	EMail <EMail>	[1..1]	Text		2234
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2234
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2235
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2235
Or	Domestic <Dmst>	[1..1]	Text		2235
Or}	Other <Othr>	[1..1]	Text		2235
	Servicer <Svcr>	[0..1]			2235
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2236
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2236
	AccountTo <AcctTo>	[0..1]			2236
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2237
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2238
	AccountName <AcctNm>	[0..1]	Text		2238
	AccountOwner <AcctOwnr>	[0..1]			2239
	Name <Nm>	[1..1]	Text		2239
	Address <Adr>	[1..1]	±		2239
	Currency <Ccy>	[0..1]	CodeSet	C1	2239
	AccountIdentifier <AcctIdr>	[0..1]			2240
{Or	Card <Card>	[1..1]	Text		2240
Or	MSISDN <MSISDN>	[1..1]	Text		2240
Or	EMail <EMail>	[1..1]	Text		2240
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2240
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2241
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2241
Or	Domestic <Dmst>	[1..1]	Text		2241
Or}	Other <Othr>	[1..1]	Text		2241

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Servicer <Svcr>	[0..1]			2241
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2242
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2242
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2242

#### 23.1.5.7.5.1 TransactionCapture <TxCaptr>

*Presence:* [0..1]

*Definition:* Flag indicating whether the transaction data must be captured or not in addition to the message process.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.7.5.2 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Type of transaction being undertaken for the main service.

*Datatype:* "CardPaymentServiceType12Code" on page 2394

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.



CodeName	Name	Definition
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

#### 23.1.5.7.5.3 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2396

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

#### 23.1.5.7.5.4 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType3Code" on page 2395

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.

CodeName	Name	Definition
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.

#### 23.1.5.7.5.5 LastTransactionFlag <LastTxFlg>

*Presence:* [0..1]

*Definition:* Flag indicating processing of the last transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.7.5.6 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [0..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* ["Min3Max4Text"](#) on page 2429

#### 23.1.5.7.5.7 CustomerConsent <CstmrCnsnt>

*Presence:* [0..\*]

*Definition:* This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.7.5.8 CardProgrammeProposed <CardPrgrmmPropsd>

*Presence:* [0..\*]

*Definition:* The card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

*Datatype:* ["Max35Text"](#) on page 2426

#### 23.1.5.7.5.9 CardProgrammeApplied <CardPrgrmmApld>

*Presence:* [0..1]

*Definition:* The card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

*Datatype:* ["Max35Text"](#) on page 2426

#### 23.1.5.7.5.10 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

*Definition:* Global reference of the sale transaction for the sale system.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.5.11 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Unique identification of the transaction assigned by the POI (Point Of Interaction).

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2315 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

### 23.1.5.7.5.12 OriginalTransaction <OrgnTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnTx>** contains the following elements (see "CardPaymentTransaction101" on page 1883 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1884
	TransactionIdentification <TxId>	[1..1]	±		1884
	POIIdentification <POIID>	[0..1]	±		1884
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1885
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1885
	TransactionType <TxTp>	[1..1]	CodeSet		1885
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1886
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1886
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1887
	TransactionResult <TxRslt>	[0..1]			1887
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1888
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1888
	Response <Rspn>	[1..1]	CodeSet		1888
	ResponseReason <RspnRsn>	[0..1]	Text		1889
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1889
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1889

#### 23.1.5.7.5.13 TransactionSuccess <TxSucss>

*Presence:* [1..1]

*Definition:* Outcome of the transaction at the acceptor.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.7.5.14 Reversal <Rvsl>

*Presence:* [0..1]

*Definition:* Notify that a previous transaction has to be reversed if this original transaction has been approved by the acquirer.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.7.5.15 MerchantOverride <MrchntOvrrd>

*Presence:* [0..1]

*Definition:* Indicate that the acceptor has forced the transaction in spite of the authorisation result (online or offline), or incident to complete the transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.5.7.5.16 FailureReason <FailRsn>

*Presence:* [0..\*]

*Definition:* List of incidents during the transaction.

*Datatype:* ["FailureReason3Code"](#) on page 2401

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.

CodeName	Name	Definition
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

#### 23.1.5.7.5.17 InitiatorTransactionIdentification <InitrTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.5.18 RecipientTransactionIdentification <RcptTxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.

*Datatype:* "Max140Text" on page 2424

#### 23.1.5.7.5.19 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

*Definition:* Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.5.20 InterchangeData <IntrchnngData>

*Presence:* [0..1]

*Definition:* Interchange information related to the card scheme.

*Datatype:* "Max140Text" on page 2424

#### 23.1.5.7.5.21 TransactionDetails <TxDtls>

*Presence:* [1..1]

*Definition:* Details of the transaction.

**TransactionDetails <TxDtIs>** contains the following **CardPaymentTransactionDetails48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	2211
	TotalAmount <TtlAmt>	[1..1]	Amount		2212
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2212
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2212
	DetailedAmount <DtldAmt>	[0..1]	±		2212
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2213
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2213
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2213
	ValidityDate <VldtyDt>	[0..1]	Date		2213
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2213
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		2214
	AccountType <AcctTp>	[0..1]	CodeSet		2214
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2215
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2217
	Conversion <Convs>	[0..1]			2217
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2218
	TargetCurrency <TrgtCcy>	[1..1]			2219
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2219
	NumericCode <NmrcCd>	[1..1]	Text		2219
	Decimal <Dcml>	[1..1]	Quantity		2219
	Name <Nm>	[0..1]	Text		2219
	ResultingAmount <RsltgAmt>	[1..1]	Amount		2219
	ExchangeRate <XchgRate>	[1..1]	Rate		2220
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2220
	QuotationDate <QtnDt>	[0..1]	DateTime		2220
	ValidUntil <VldUntil>	[0..1]	DateTime		2220
	SourceCurrency <SrcCcy>	[1..1]			2220
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2220
	NumericCode <NmrcCd>	[0..1]	Text		2221
	Decimal <Dcml>	[0..1]	Quantity		2221
	Name <Nm>	[0..1]	Text		2221

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[1..1]			2221
	ActualAmount <ActlAmt>	[0..1]	Amount		2221
	MinimumAmount <MinAmt>	[0..1]	Amount		2221
	MaximumAmount <MaxAmt>	[0..1]	Amount		2222
	CommissionDetails <ComssnDtls>	[0..*]			2222
	Amount <Amt>	[1..1]	Amount		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222
	MarkUpDetails <MrkUpDtls>	[0..*]			2222
	Rate <Rate>	[1..1]	Rate		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2223
	Instalment <Instlmt>	[0..1]	±		2223
	AggregationTransaction <AggtnTx>	[0..1]	±		2224
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2224
	SaleItem <Saleitm>	[0..*]	±		2225
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2225
	AdditionalInformation <AddtlInf>	[0..*]			2225
	Identification <Id>	[1..1]	Text		2226
	Value <Val>	[0..1]	Binary		2226
	ProtectedValue <PrctcdVal>	[0..1]	±		2226
	Type <Tp>	[0..1]	Text		2226
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2226

### 23.1.5.7.5.21.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.7.5.21.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.7.5.21.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

*Definition:* Contains the updated amount of all authorisations related to the same business transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.7.5.21.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2416

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

#### 23.1.5.7.5.21.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

*Definition:* Detailed amounts associated with the total amount of transaction.



**DetailedAmount <DtldAmt>** contains the following elements (see "DetailedAmount15" on page 1841 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1841
	CashBack <CshBck>	[0..1]	Amount		1841
	Gratuity <Grtty>	[0..1]	Amount		1842
	Fees <Fees>	[0..*]	±		1842
	Rebate <Rbt>	[0..*]	±		1842
	ValueAddedTax <ValAddedTax>	[0..*]	±		1842
	Surcharge <Srchr>	[0..*]	±		1842

#### 23.1.5.7.5.21.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.7.5.21.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.7.5.21.8 InvoiceAmount <InvAmt>

*Presence:* [0..1]

*Definition:* Amount of the transaction that will be invoiced to the cardholder.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.7.5.21.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2420

#### 23.1.5.7.5.21.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason1Code" on page 2407

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.

CodeName	Name	Definition
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.

#### 23.1.5.7.5.21.11 UnattendedLevelCategory <UatnddLvlCtgy>

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended POI (Point Of Interaction).

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.5.7.5.21.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.

CodeName	Name	Definition
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 23.1.5.7.5.21.13 CurrencyConversionResult <CcyConvsRslt>

*Presence:* [0..1]

*Definition:* Result of the currency conversion proposed to the cardholder.

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2217
	Conversion <Convs>	[0..1]			2217
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2218
	TargetCurrency <TrgtCcy>	[1..1]			2219
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2219
	NumericCode <NmrcCd>	[1..1]	Text		2219
	Decimal <Dcml>	[1..1]	Quantity		2219
	Name <Nm>	[0..1]	Text		2219
	ResultingAmount <RsltAmt>	[1..1]	Amount		2219
	ExchangeRate <XchgRate>	[1..1]	Rate		2220
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2220
	QuotationDate <QtnDt>	[0..1]	DateTime		2220
	ValidUntil <VldUntil>	[0..1]	DateTime		2220
	SourceCurrency <SrcCcy>	[1..1]			2220
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2220
	NumericCode <NmrcCd>	[0..1]	Text		2221
	Decimal <Dcml>	[0..1]	Quantity		2221
	Name <Nm>	[0..1]	Text		2221
	OriginalAmount <OrgnlAmt>	[1..1]			2221
	ActualAmount <ActlAmt>	[0..1]	Amount		2221
	MinimumAmount <MinAmt>	[0..1]	Amount		2221
	MaximumAmount <MaxAmt>	[0..1]	Amount		2222
	CommissionDetails <ComssnDtls>	[0..*]			2222
	Amount <Amt>	[1..1]	Amount		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222
	MarkUpDetails <MrkUpDtls>	[0..*]			2222
	Rate <Rate>	[1..1]	Rate		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2223

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#### **23.1.5.7.5.21.13.1 AcceptedByCardholder <AcptdByCrdhldr>**

*Presence:* [0..1]

*Definition:* True if the cardholder has accepted the currency conversion that the acquirer has proposed.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **23.1.5.7.5.21.13.2 Conversion <Convs>**

*Presence:* [0..1]

*Definition:* Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

**Conversion <Convs>** contains the following **CurrencyConversion19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2218
	TargetCurrency <TrgtCcy>	[1..1]			2219
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2219
	NumericCode <NmrcCd>	[1..1]	Text		2219
	Decimal <Dcml>	[1..1]	Quantity		2219
	Name <Nm>	[0..1]	Text		2219
	ResultingAmount <RsltAmt>	[1..1]	Amount		2219
	ExchangeRate <XchgRate>	[1..1]	Rate		2220
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2220
	QuotationDate <QtnDt>	[0..1]	DateTime		2220
	ValidUntil <VldUntil>	[0..1]	DateTime		2220
	SourceCurrency <SrcCcy>	[1..1]			2220
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2220
	NumericCode <NmrcCd>	[0..1]	Text		2221
	Decimal <Dcml>	[0..1]	Quantity		2221
	Name <Nm>	[0..1]	Text		2221
	OriginalAmount <OrgnlAmt>	[1..1]			2221
	ActualAmount <ActlAmt>	[0..1]	Amount		2221
	MinimumAmount <MinAmt>	[0..1]	Amount		2221
	MaximumAmount <MaxAmt>	[0..1]	Amount		2222
	CommissionDetails <ComssnDtls>	[0..*]			2222
	Amount <Amt>	[1..1]	Amount		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222
	MarkUpDetails <MrkUpDtls>	[0..*]			2222
	Rate <Rate>	[1..1]	Rate		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222
	DeclarationDetails <DclrtDtls>	[0..*]	±		2223

#### 23.1.5.7.5.21.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

*Definition:* Identification of the currency conversion operation for the service provider.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.5.21.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

*Definition:* Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

**TargetCurrency <TrgtCcy>** contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2219
	NumericCode <NmrcCd>	[1..1]	Text		2219
	Decimal <Dcml>	[1..1]	Quantity		2219
	Name <Nm>	[0..1]	Text		2219

#### 23.1.5.7.5.21.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.7.5.21.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 23.1.5.7.5.21.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 23.1.5.7.5.21.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.5.21.13.2.3 ResultingAmount <RsltAmt>

*Presence:* [1..1]

*Definition:* Amount converted in the target currency, including additional charges.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### **23.1.5.7.5.21.13.2.4 ExchangeRate <XchgRate>**

*Presence:* [1..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

*Datatype:* "PercentageRate" on page 2423

#### **23.1.5.7.5.21.13.2.5 InvertedExchangeRate <NvrtedXchgRate>**

*Presence:* [0..1]

*Definition:* Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

*Datatype:* "PercentageRate" on page 2423

#### **23.1.5.7.5.21.13.2.6 QuotationDate <QtnDt>**

*Presence:* [0..1]

*Definition:* Date and time at which the exchange rate has been quoted.

*Datatype:* "ISODateTime" on page 2420

#### **23.1.5.7.5.21.13.2.7 ValidUntil <VldUntil>**

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2420

#### **23.1.5.7.5.21.13.2.8 SourceCurrency <SrcCcy>**

*Presence:* [1..1]

*Definition:* Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

**SourceCurrency <SrcCcy>** contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2220
	NumericCode <NmrcCd>	[0..1]	Text		2221
	Decimal <Dcml>	[0..1]	Quantity		2221
	Name <Nm>	[0..1]	Text		2221

##### **23.1.5.7.5.21.13.2.8.1 AlphaCode <AlphaCd>**

*Presence:* [0..1]

*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379



## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.7.5.21.13.2.8.2 NumericCode <NmrcCd>

*Presence:* [0..1]

*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).

*Datatype:* "Exact3NumericText" on page 2423

#### 23.1.5.7.5.21.13.2.8.3 Decimal <Dcml>

*Presence:* [0..1]

*Definition:* Maximal number of digits after the decimal separator for the currency.

*Datatype:* "Number" on page 2423

#### 23.1.5.7.5.21.13.2.8.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2426

#### 23.1.5.7.5.21.13.2.9 OriginalAmount <OrgnlAmt>

*Presence:* [1..1]

*Definition:* Original amount in the source currency.

**OriginalAmount <OrgnlAmt>** contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		2221
	MinimumAmount <MinAmt>	[0..1]	Amount		2221
	MaximumAmount <MaxAmt>	[0..1]	Amount		2222

#### 23.1.5.7.5.21.13.2.9.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.7.5.21.13.2.9.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

*Definition:* Minimum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.5.7.5.21.13.2.9.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

*Definition:* Maximum amount for conversion (in case of range of amounts).

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

### 23.1.5.7.5.21.13.2.10 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

*Definition:* Commission or additional charges made as part of a currency conversion.

**CommissionDetails <ComssnDtls>** contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222

#### 23.1.5.7.5.21.13.2.10.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.5.7.5.21.13.2.10.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2426

### 23.1.5.7.5.21.13.2.11 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

**MarkupDetails <MrkUpDtls>** contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2222
	AdditionalInformation <AddtlInf>	[0..1]	Text		2222

#### 23.1.5.7.5.21.13.2.11.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2423

#### 23.1.5.7.5.21.13.2.11.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2426

### 23.1.5.7.5.21.13.2.12 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage7" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

### 23.1.5.7.5.21.14 Instalment <Instlmt>

*Presence:* [0..1]

*Definition:* Data related to a financial loan (instalment) or to a recurring transaction.

**Instalment <Instlmt>** contains the following elements (see "[RecurringTransaction2](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2317
	PlanIdentification <PlanId>	[0..1]	Text		2317
	SequenceNumber <SeqNb>	[0..1]	Quantity		2317
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2317
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2318
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2318
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2318
	TotalAmount <TtlAmt>	[0..1]	Amount	C8	2318
	FirstAmount <FrstAmt>	[0..1]	Amount		2318
	Charges <Chrgs>	[0..1]	Amount		2319

#### 23.1.5.7.5.21.15 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see "[AggregationTransaction3](#)" on page 2278 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2278
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2278
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2279
	IndividualPayment <IndvPmt>	[0..*]			2279
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Lbl>	[0..1]	Text		2280

#### 23.1.5.7.5.21.16 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2424

### 23.1.5.7.5.21.17 SaleItem <SaleItm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2304
	ProductCode <PdctCd>	[1..1]	Text		2304
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2304
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2305
	ProductQuantity <PdctQty>	[0..1]	Quantity		2306
	UnitPrice <UnitPric>	[0..1]	Amount		2306
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2307
	ProductAmount <PdctAmt>	[1..1]	Amount		2307
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2307
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2307
	TaxType <TaxTp>	[0..1]	Text		2307
	ProductDescription <PdctDesc>	[0..1]	Text		2307
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2307
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2308
	SaleChannel <SaleChanl>	[0..1]	Text		2308
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2308

### 23.1.5.7.5.21.18 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

*Definition:* Location of the delivery, for instance pump number or parking bay.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.5.21.19 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

**AdditionalInformation <AddtlInf>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2226
	Value <Val>	[0..1]	Binary		2226
	ProtectedValue <PrctcdVal>	[0..1]	±		2226
	Type <Tp>	[0..1]	Text		2226

#### 23.1.5.7.5.21.19.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.7.5.21.19.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.5.7.5.21.19.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType23" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 23.1.5.7.5.21.19.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "Max1025Text" on page 2424

#### 23.1.5.7.5.21.20 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "Max10000Binary" on page 2375

### 23.1.5.7.5.22 AuthorisationResult <AuthstnRsIt>

*Presence:* [0..1]

*Definition:* Outcome of the authorisation request.

**AuthorisationResult <AuthstnRsIt>** contains the following **AuthorisationResult11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2227
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2227
	Response <Rspn>	[1..1]	CodeSet		2228
	ResponseReason <RspnRsn>	[0..1]	Text		2228
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2228
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2228

#### 23.1.5.7.5.22.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 2250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2250
	Type <Tp>	[1..1]	CodeSet		2250
	Issuer <Issr>	[0..1]	CodeSet		2250
	Country <Ctry>	[0..1]	Text		2251
	ShortName <ShrtNm>	[0..1]	Text		2251

#### 23.1.5.7.5.22.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation request.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2228
	ResponseReason <RspnRsn>	[0..1]	Text		2228
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2228

### 23.1.5.7.5.22.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response4Code" on page 2414

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

### 23.1.5.7.5.22.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2426

### 23.1.5.7.5.22.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2424

### 23.1.5.7.5.22.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Min6Max8Text" on page 2429

### 23.1.5.7.5.23 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of the performed verifications for the transaction.

**TransactionVerificationResult <TxVrfctnRslt>** contains the following  
**TransactionVerificationResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		2228
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2229
	Result <Rslt>	[0..1]	CodeSet		2230
	AdditionalResult <AddtlRslt>	[0..1]	Text		2230

### 23.1.5.7.5.23.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2388



CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

#### 23.1.5.7.5.23.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2388

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.

CodeName	Name	Definition
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

#### 23.1.5.7.5.23.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2419

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 23.1.5.7.5.23.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2427

#### 23.1.5.7.5.24 MerchantReferenceData <MrchntRefData>

*Presence:* [0..1]

*Definition:* Merchant information that must be returned unchanged in the response.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.7.5.25 AccountFrom <AcctFr>

*Presence:* [0..1]

*Definition:* Information relevant to the account where the money is taken from.

**AccountFrom <AcctFr>** contains the following **CardAccount15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2231
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2232
	AccountName <AcctNm>	[0..1]	Text		2232
	AccountOwner <AcctOwnr>	[0..1]			2233
	Name <Nm>	[1..1]	Text		2233
	Address <Adr>	[1..1]	±		2233
	Currency <Ccy>	[0..1]	CodeSet	C1	2233
	AccountIdentifier <AcctIdr>	[0..1]			2234
{Or	Card <Card>	[1..1]	Text		2234
Or	MSISDN <MSISDN>	[1..1]	Text		2234
Or	EMail <EMail>	[1..1]	Text		2234
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2234
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2235
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2235
Or	Domestic <Dmst>	[1..1]	Text		2235
Or}	Other <Othr>	[1..1]	Text		2235
	Servicer <Svcr>	[0..1]			2235
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2236
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2236

#### 23.1.5.7.5.25.1 SelectionMethod <SelctnMtd>

*Presence:* [0..1]

*Definition:* Method used by the cardholder and the terminal for the choice of the account.

*Datatype:* "AccountChoiceMethod1Code" on page 2378

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

#### 23.1.5.7.5.25.2 SelectedAccountType <SelctdAcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 23.1.5.7.5.25.3 AccountName <AcctNm>

*Presence:* [0..1]

*Definition:* Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

*Usage:* The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.7.5.25.4 AccountOwner <AcctOwnr>

*Presence:* [0..1]

*Definition:* Party that legally owns the account.

**AccountOwner <AcctOwnr>** contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2233
	Address <Adr>	[1..1]	±		2233

##### 23.1.5.7.5.25.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and is usually used to identify that identity.

*Datatype:* "Max70Text" on page 2427

##### 23.1.5.7.5.25.4.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Postal address of a party.

**Address <Adr>** contains the following elements (see "PostalAddress1" on page 2322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2323
	AddressLine <AdrLine>	[0..5]	Text		2323
	StreetName <StrtNm>	[0..1]	Text		2323
	BuildingNumber <BldgNb>	[0..1]	Text		2323
	PostCode <PstCd>	[0..1]	Text		2324
	TownName <TwnNm>	[0..1]	Text		2324
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2324
	Country <Ctry>	[1..1]	CodeSet	C1	2324

##### 23.1.5.7.5.25.5 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Identification of the currency in which the account is held.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.7.5.25.6 AccountIdentifier <AcctIdr>

*Presence:* [0..1]

*Definition:* Unique identifier of the account, as assigned by the account servicer.

**AccountIdentifier <AcctIdr>** contains one of the following **AccountIdentification39Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		2234
Or	MSISDN <MSISDN>	[1..1]	Text		2234
Or	EMail <EMail>	[1..1]	Text		2234
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2234
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2235
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2235
Or	Domestic <Dmst>	[1..1]	Text		2235
Or}	Other <Othr>	[1..1]	Text		2235

##### 23.1.5.7.5.25.6.1 Card <Card>

*Presence:* [1..1]

*Definition:* PAN of the card identifying the account.

*Datatype:* "Min8Max28NumericText" on page 2429

##### 23.1.5.7.5.25.6.2 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

*Datatype:* "Max16Text" on page 2425

##### 23.1.5.7.5.25.6.3 EMail <EMail>

*Presence:* [1..1]

*Definition:* E-mail identifying the account.

*Datatype:* "Max256Text" on page 2425

##### 23.1.5.7.5.25.6.4 IBAN <IBAN>

*Presence:* [1..1]

*Definition:* International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

*Impacted by:* C5 "IBAN"

*Datatype:* "IBANIdentifier" on page 2421

#### **Constraints**

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

#### **23.1.5.7.5.25.6.5 BBAN <BBAN>**

*Presence:* [1..1]

*Definition:* Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

*Datatype:* "BBANIdentifier" on page 2421

#### **23.1.5.7.5.25.6.6 UPIC <UPIC>**

*Presence:* [1..1]

*Definition:* Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Datatype:* "UPICIdentifier" on page 2422

#### **23.1.5.7.5.25.6.7 Domestic <Dmst>**

*Presence:* [1..1]

*Definition:* Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.5.25.6.8 Other <Othr>**

*Presence:* [1..1]

*Definition:* Other identifier.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.5.25.7 Servicer <Svcr>**

*Presence:* [0..1]

*Definition:* Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

**Servicer <Svcr>** contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2236
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2236

#### 23.1.5.7.5.25.7.1 AnyBIC <AnyBIC>

*Presence:* [1..1]

*Definition:* Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

#### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

#### 23.1.5.7.5.25.7.2 ProprietaryIdentification <PrtryId>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <PrtryId>** contains the following elements (see "[GenericIdentification1](#)" on page 2242 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2243
	SchemeName <SchmeNm>	[0..1]	Text		2243
	Issuer <Issr>	[0..1]	Text		2243

#### 23.1.5.7.5.26 AccountTo <AcctTo>

*Presence:* [0..1]

*Definition:* Information relevant to the account where the money is put.



**AccountTo <AcctTo>** contains the following **CardAccount15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2237
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2238
	AccountName <AcctNm>	[0..1]	Text		2238
	AccountOwner <AcctOwnr>	[0..1]			2239
	Name <Nm>	[1..1]	Text		2239
	Address <Adr>	[1..1]	±		2239
	Currency <Ccy>	[0..1]	CodeSet	C1	2239
	AccountIdentifier <AcctIdr>	[0..1]			2240
{Or	Card <Card>	[1..1]	Text		2240
Or	MSISDN <MSISDN>	[1..1]	Text		2240
Or	EMail <EMail>	[1..1]	Text		2240
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2240
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2241
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2241
Or	Domestic <Dmst>	[1..1]	Text		2241
Or}	Other <Othr>	[1..1]	Text		2241
	Servicer <Svcr>	[0..1]			2241
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2242
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2242

#### 23.1.5.7.5.26.1 SelectionMethod <SelctnMtd>

*Presence:* [0..1]

*Definition:* Method used by the cardholder and the terminal for the choice of the account.

*Datatype:* "AccountChoiceMethod1Code" on page 2378

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

#### 23.1.5.7.5.26.2 SelectedAccountType <SelctdAcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2391

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

#### 23.1.5.7.5.26.3 AccountName <AcctNm>

*Presence:* [0..1]

*Definition:* Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

*Usage:* The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

*Datatype:* "Max70Text" on page 2427

#### 23.1.5.7.5.26.4 AccountOwner <AcctOwnr>

*Presence:* [0..1]

*Definition:* Party that legally owns the account.

**AccountOwner <AcctOwnr>** contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2239
	Address <Adr>	[1..1]	±		2239

##### 23.1.5.7.5.26.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and is usually used to identify that identity.

*Datatype:* "Max70Text" on page 2427

##### 23.1.5.7.5.26.4.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Postal address of a party.

**Address <Adr>** contains the following elements (see "PostalAddress1" on page 2322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2323
	AddressLine <AdrLine>	[0..5]	Text		2323
	StreetName <StrtNm>	[0..1]	Text		2323
	BuildingNumber <BldgNb>	[0..1]	Text		2323
	PostCode <PstCd>	[0..1]	Text		2324
	TownName <TwnNm>	[0..1]	Text		2324
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2324
	Country <Ctry>	[1..1]	CodeSet	C1	2324

##### 23.1.5.7.5.26.5 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Identification of the currency in which the account is held.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.5.7.5.26.6 AccountIdentifier <AcctIdr>

*Presence:* [0..1]

*Definition:* Unique identifier of the account, as assigned by the account servicer.

**AccountIdentifier <AcctIdr>** contains one of the following **AccountIdentification39Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		2240
Or	MSISDN <MSISDN>	[1..1]	Text		2240
Or	EMail <EMail>	[1..1]	Text		2240
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	2240
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2241
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2241
Or	Domestic <Dmst>	[1..1]	Text		2241
Or}	Other <Othr>	[1..1]	Text		2241

##### 23.1.5.7.5.26.6.1 Card <Card>

*Presence:* [1..1]

*Definition:* PAN of the card identifying the account.

*Datatype:* "Min8Max28NumericText" on page 2429

##### 23.1.5.7.5.26.6.2 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

*Datatype:* "Max16Text" on page 2425

##### 23.1.5.7.5.26.6.3 EMail <EMail>

*Presence:* [1..1]

*Definition:* E-mail identifying the account.

*Datatype:* "Max256Text" on page 2425

##### 23.1.5.7.5.26.6.4 IBAN <IBAN>

*Presence:* [1..1]

*Definition:* International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

*Impacted by:* C5 "IBAN"

*Datatype:* "IBANIdentifier" on page 2421

#### **Constraints**

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

#### **23.1.5.7.5.26.6.5 BBAN <BBAN>**

*Presence:* [1..1]

*Definition:* Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

*Datatype:* "BBANIdentifier" on page 2421

#### **23.1.5.7.5.26.6.6 UPIC <UPIC>**

*Presence:* [1..1]

*Definition:* Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Datatype:* "UPICIdentifier" on page 2422

#### **23.1.5.7.5.26.6.7 Domestic <Dmst>**

*Presence:* [1..1]

*Definition:* Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.5.26.6.8 Other <Othr>**

*Presence:* [1..1]

*Definition:* Other identifier.

*Datatype:* "Max35Text" on page 2426

#### **23.1.5.7.5.26.7 Servicer <Svcr>**

*Presence:* [0..1]

*Definition:* Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

**Servicer <Svcr>** contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2242
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2242

#### 23.1.5.7.5.26.7.1 AnyBIC <AnyBIC>

*Presence:* [1..1]

*Definition:* Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

##### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

#### 23.1.5.7.5.26.7.2 ProprietaryIdentification <PrtryId>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <PrtryId>** contains the following elements (see "[GenericIdentification1](#)" on page 2242 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2243
	SchemeName <SchmeNm>	[0..1]	Text		2243
	Issuer <Issr>	[0..1]	Text		2243

#### 23.1.5.7.5.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2427

## 23.1.6 Identification Information

### 23.1.6.1 GenericIdentification1

*Definition:* Information related to an identification, for example party identification or account identification.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2243
	SchemeName <SchmeNm>	[0..1]	Text		2243
	Issuer <Issr>	[0..1]	Text		2243

#### 23.1.6.1.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification assigned by an institution.

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.1.2 SchemeName <SchmeNm>

*Presence:* [0..1]

*Definition:* Name of the identification scheme.

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.1.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity that assigns the identification.

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.2 GenericIdentification177

*Definition:* Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2248

#### 23.1.6.2.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.2.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType33Code" on page 2408

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.



CodeName	Name	Definition
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

### 23.1.6.2.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType33Code" on page 2408

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

### 23.1.6.2.4 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

*Datatype:* "Min2Max3AlphaText" on page 2428

### 23.1.6.2.5 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2426

### 23.1.6.2.6 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "[NetworkParameters7](#)" on [page 2321](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2321
	NetworkType <NtwkTp>	[1..1]	CodeSet		2321
	AddressValue <AdrVal>	[1..1]	Text		2321
	UserName <UsrNm>	[0..1]	Text		2322
	AccessCode <AccsCd>	[0..1]	Binary		2322
	ServerCertificate <SvrCert>	[0..*]	Binary		2322
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2322
	ClientCertificate <ClntCert>	[0..*]	Binary		2322
	SecurityProfile <SctyPrfl>	[0..1]	Text		2322

### 23.1.6.2.7 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Location of the entity.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 23.1.6.2.7.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following  
**GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247

#### 23.1.6.2.7.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.2.7.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.2.7.2 UTMCoordinates <UTMCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2248

#### 23.1.6.2.7.2.1 UTMZone <UTMZone>

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.2.7.2.2 UTMEastward <UTMEstwr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator

coordinate system.

*Datatype:* "Max35Text" on page 2426

### 23.1.6.2.7.2.3 UTMNorthward <UTMNrthwrd>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator

coordinate system.

*Datatype:* "Max35Text" on page 2426

### 23.1.6.3 GenericIdentification176

*Definition:* Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 23.1.6.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType33Code" on page 2408

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.

CodeName	Name	Definition
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

### 23.1.6.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType33Code" on page 2408

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

### 23.1.6.3.4 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

*Datatype:* "Min2Max3AlphaText" on page 2428

### 23.1.6.3.5 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.4 GenericIdentification90

*Definition:* Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2250
	Type <Tp>	[1..1]	CodeSet		2250
	Issuer <Issr>	[0..1]	CodeSet		2250
	Country <Ctry>	[0..1]	Text		2251
	ShortName <ShrtNm>	[0..1]	Text		2251

##### 23.1.6.4.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2426

##### 23.1.6.4.2 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType14Code" on page 2408

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
ICCA	CardApplication	Application in the smart card.

##### 23.1.6.4.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2409

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
TAXH	TaxAuthority	Tax authority.

#### 23.1.6.4.4 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

*Datatype:* "Min2Max3AlphaText" on page 2428

#### 23.1.6.4.5 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.5 GenericIdentification36

*Definition:* Identification using a proprietary scheme.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2251
	Issuer <Issr>	[1..1]	Text		2251
	SchemeName <SchmeNm>	[0..1]	Text		2252

##### 23.1.6.5.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Proprietary information, often a code, issued by the data source scheme issuer.

*Datatype:* "Max35Text" on page 2426

##### 23.1.6.5.2 Issuer <Issr>

*Presence:* [1..1]

*Definition:* Entity that assigns the identification.

*Datatype:* "Max35Text" on page 2426

### 23.1.6.5.3 SchemeName <SchmeNm>

*Presence:* [0..1]

*Definition:* Short textual description of the scheme.

*Datatype:* "Max35Text" on page 2426

### 23.1.6.6 GenericIdentification4

*Definition:* Information related to an identification, eg, party identification or account identification.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	IdentificationType <IdTp>	[1..1]	Text		2252

#### 23.1.6.6.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identifier issued to a person for which no specific identifier has been defined.

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.6.2 IdentificationType <IdTp>

*Presence:* [1..1]

*Definition:* Specifies the nature of the identifier.

Usage: IdentificationType is used to specify what kind of identifier is used. It should be used in case the identifier is different from the identifiers listed in the pre-defined identifier list.

*Datatype:* "Max35Text" on page 2426

### 23.1.6.7 GenericIdentification32

*Definition:* Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2252
	Type <Tp>	[0..1]	CodeSet		2252
	Issuer <Issr>	[0..1]	CodeSet		2253
	ShortName <ShrtNm>	[0..1]	Text		2253

#### 23.1.6.7.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2426

#### 23.1.6.7.2 Type <Tp>

*Presence:* [0..1]



*Definition:* Type of identified entity.

*Datatype:* "PartyType3Code" on page 2409

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.

### 23.1.6.7.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2409

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
TAXH	TaxAuthority	Tax authority.

### 23.1.6.7.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2426

## 23.1.7 Miscellaneous

### 23.1.7.1 SupplementaryData1

*Definition:* Additional information that can not be captured in the structured fields and/or any other specific block.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2254
	Envelope <Envlp>	[1..1]	(External Schema)		2254

#### Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

#### 23.1.7.1.1 PlaceAndName <PlcAndNm>

*Presence:* [0..1]

*Definition:* Unambiguous reference to the location where the supplementary data must be inserted in the message instance.

In the case of XML, this is expressed by a valid XPath.

*Datatype:* "Max350Text" on page 2426

#### 23.1.7.1.2 Envelope <Envlp>

*Presence:* [1..1]

*Definition:* Technical element wrapping the supplementary data.

*Type:* (External Schema)

Technical component that contains the validated supplementary data information. This technical envelope allows to segregate the supplementary data information from any other information.

#### 23.1.7.2 CustomerOrder1

*Definition:* Customer order attached to a customer, recorded in the POI system.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2255
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2255
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2255
	StartDate <StartDt>	[1..1]	DateTime		2255
	EndDate <EndDt>	[0..1]	DateTime		2255
	Unit <Unit>	[0..1]	CodeSet		2256
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2256
	CurrentAmount <CurAmt>	[0..1]	Amount		2256
	Currency <Ccy>	[0..1]	CodeSet	C1	2256
	AccessedBy <AccsdBy>	[0..1]	Text		2256
	AdditionalInformation <AddtlInf>	[0..1]	Text		2256

#### 23.1.7.2.1 CustomerOrderIdentification <CstmrOrdrlId>

*Presence:* [1..1]

*Definition:* Identification of a customer order.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.2.2 SaleReferenceIdentification <SaleRefId>

*Presence:* [1..1]

*Definition:* Identification of a Sale transaction for a sequence of related POI transactions.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.2.3 OpenOrderState <OpnOrdStat>

*Presence:* [0..1]

*Definition:* Specifies if a customer order is currently open.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.7.2.4 StartDate <StartDt>

*Presence:* [1..1]

*Definition:* Date time of the beginning of an operation.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.7.2.5 EndDate <EndDt>

*Presence:* [0..1]

*Definition:* Date time of the end of an operation.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.7.2.6 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit of amount.

*Datatype:* "AmountUnit1Code" on page 2386

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

#### 23.1.7.2.7 ForecastedAmount <FrcstdAmt>

*Presence:* [1..1]

*Definition:* Initial or global amount of the order.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.7.2.8 CurrentAmount <CurAmt>

*Presence:* [0..1]

*Definition:* Total amount of all completed transactions of a customer order.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.7.2.9 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency of monetary amount.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2379

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

#### 23.1.7.2.10 AccessedBy <AccsdBy>

*Presence:* [0..1]

*Definition:* Identification of an entity accessing data to perform an operation.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.2.11 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Unqualified information related to customer order.

*Datatype:* "Max1025Text" on page 2424

### 23.1.7.3 PointOfInteractionCapabilities9

*Definition:* Capabilities of the POI (Point Of Interaction) performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2257
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2258
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2258
	ApprovalCodeLength <ApprvICdLngh>	[0..1]	Quantity		2259
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2259
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2259
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2259
	MessageCapabilities <MsgCpblties>	[0..*]			2259
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 23.1.7.3.1 CardReadingCapabilities <CardRdngCpblties>

*Presence:* [0..\*]

*Definition:* Card reading capabilities of the POI (Point Of Interaction) performing the transaction.

*Datatype:* "CardDataReading8Code" on page 2393

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.

CodeName	Name	Definition
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

### 23.1.7.3.2 CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>

*Presence:* [0..\*]

*Definition:* Cardholder verification capabilities of the POI (Point Of Interaction) performing the transaction.

*Datatype:* "CardholderVerificationCapability4Code" on page 2394

CodeName	Name	Definition
APKI	AccountDigitalSignature	Account based digital signature.
CHDT	CardholderData	Cardholder authentication data.
MNSG	ManualSignature	Manual signature verification.
MNVR	ManualVerification	Other manual verification, for example passport or drivers license.
FBIG	OfflineBiographics	Offline biographics.
FBIO	OfflineBiometrics	Offline biometrics.
FDSG	OfflineDigitalSignature	Offline digital signature analysis.
FCPN	OfflinePINClear	Offline PIN in clear (Personal Identification Number).
FEPN	OfflinePINEncrypted	Offline PIN encrypted (Personal Identification Number).
NPIN	OnLinePIN	Online PIN (Personal Identification Number).
PKIS	PKISignature	PKI (Public Key Infrastructure) based digital signature.
SCEC	SecureElectronicCommerce	Three domain secure (three domain secure authentication of the cardholder).
NBIO	OnLineBiometrics	Online biometrics.
NOVF	NoCapabilities	No cardholder verification capability.
OTHR	Other	Other cardholder verification capabilities.

### 23.1.7.3.3 PINLengthCapabilities <PINLnghCpblties>

*Presence:* [0..1]

*Definition:* Maximum number of digits the POI is able to accept when the cardholder enters its PIN.

*Datatype:* "PositiveNumber" on page 2423

#### **23.1.7.3.4 ApprovalCodeLength <ApprvlCdLngh>**

*Presence:* [0..1]

*Definition:* Maximum number of characters of the approval code the POI is able to manage.

*Datatype:* "PositiveNumber" on page 2423

#### **23.1.7.3.5 MaxScriptLength <MxScrpLtLngh>**

*Presence:* [0..1]

*Definition:* Maximum data length in bytes that a card issuer can return to the ICC at the terminal.

*Datatype:* "PositiveNumber" on page 2423

#### **23.1.7.3.6 CardCaptureCapable <CardCaptrCpbl>**

*Presence:* [0..1]

*Definition:* True if the POI is able to capture card.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **23.1.7.3.7 OnLineCapabilities <OnLineCpblties>**

*Presence:* [0..1]

*Definition:* On-line and off-line capabilities of the POI (Point Of Interaction).

*Datatype:* "OnLineCapability1Code" on page 2407

CodeName	Name	Definition
OFLN	OffLine	Off-line only capable.
ONLN	OnLine	On-line only capable.
SMON	SemiOffLine	Off-line capable with possible on-line requests to the acquirer.

#### **23.1.7.3.8 MessageCapabilities <MsgCpblties>**

*Presence:* [0..\*]

*Definition:* Capabilities of the terminal to display or print message to the cardholder and the merchant.

**MessageCapabilities <MsgCpblties>** contains the following **DisplayCapabilities4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstn>	[1..*]	CodeSet		2260
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2260
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2260
	LineWidth <LineWidth>	[0..1]	Quantity		2260
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	2261

#### 23.1.7.3.8.1 Destination <Dstn>

*Presence:* [1..\*]

*Definition:* Destination of the message to present.

*Datatype:* "UserInterface4Code" on page 2419

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.

#### 23.1.7.3.8.2 AvailableFormat <AvlblFrmt>

*Presence:* [0..\*]

*Definition:* Available message format.

*Datatype:* "OutputFormat1Code" on page 2407

CodeName	Name	Definition
MREF	MessageReference	Predefined configured messages, identified by a reference.
TEXT	SimpleText	Text without format attributes.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

#### 23.1.7.3.8.3 NumberOfLines <NbOfLines>

*Presence:* [0..1]

*Definition:* Number of lines of the display.

*Datatype:* "Number" on page 2423

#### 23.1.7.3.8.4 LineWidth <LineWidth>

*Presence:* [0..1]

*Definition:* Number of columns of the display or printer.



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*Datatype:* "Number" on page 2423

#### **23.1.7.3.8.5 AvailableLanguage <AvlblLang>**

*Presence:* [0..\*]

*Definition:* Available language for the message. Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

##### **Constraints**

- **ValidationByTable**

Must be a valid terrestrial language.

#### **23.1.7.4 PointOfInteractionComponent10**

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2263
	SubTypeInfoInformation <SubTpinf>	[0..1]	Text		2264
	Identification <Id>	[1..1]			2265
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265
	Status <Sts>	[0..1]			2265
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266
	StandardCompliance <StdCmplc>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267
	Characteristics <Chrtcs>	[0..1]			2267
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273
	AccessCode <AccsCd>	[0..1]	Binary		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274
	Assessment <Assmnt>	[0..*]			2274
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275
	Package <Packg>	[0..*]			2276
	PackageIdentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrtctdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 23.1.7.4.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of component belonging to a POI (Point Of Interaction) Terminal.

*Datatype:* "POIComponentType6Code" on page 2412

CodeName	Name	Definition
AQPP	AcquirerProtocolParameters	Parameters for acquirer interface of the point of interaction, including acquirer host configuration parameters.
APPR	ApplicationParameters	Parameters of a payment application running on the point of interaction.
TLPR	TerminalParameters	Manufacturer configuration parameters of the point of interaction.

CodeName	Name	Definition
SCPR	SecurityParameters	Security parameters of the point of interaction.
SERV	Server	Payment server of a point of interaction system.
TERM	Terminal	Payment terminal point of interaction.
DVCE	Device	Device sub-component of a component of the point of interaction.
SECM	SecureModule	Security module.
APLI	PaymentApplication	Payment application software.
EMVK	EMVKernel	EMV application kernel (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
EMVO	EMVLevel1	EMV physical interface (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
MDWR	Middleware	Software module of the point of interaction.
DRVR	Driver	Driver module of the point of interaction.
OPST	OperatingSystem	Software that manages hardware to provide common services to the applications.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
CRTF	CertificateParameters	Certificate provided by a terminal manager.
TMSP	TMSProtocolParameters	Configuration parameters for the TMS protocol.
SACP	SaleComponent	Component of the Sale system.
SAPR	SaleToPOIProtocolParameters	Parameters related to the Sale to POI protocol.
LOGF	LogFile	Any repository used for recording log traces.
MDFL	MediaFile	Media file managed by an application of the POI.
SOFT	Soft	Payment or other software application.
CONF	ConfigurationFile	Configuration file relevant for the POI.
RPFL	ReportFile	Report file generated by the POI.

#### 23.1.7.4.2 SubTypeInfoInformation <SubTpInf>

*Presence:* [0..1]

*Definition:* Additional information regarding the type of the component.

*Datatype:* "Max70Text" on page 2427

### 23.1.7.4.3 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) component.

**Identification <Id>** contains the following **PointOfInteractionComponentIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemNumber <ItmNb>	[0..1]	Text		2265
	ProviderIdentification <PrvdrId>	[0..1]	Text		2265
	Identification <Id>	[0..1]	Text		2265
	SerialNumber <SrlNb>	[0..1]	Text		2265

#### 23.1.7.4.3.1 ItemNumber <ItmNb>

*Presence:* [0..1]

*Definition:* Hierarchical identification of a hardware component inside all the hardware component of the POI. It is composed of all item numbers of the upper level components, separated by the '.' character, ended by the item number of the current component.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.4.3.2 ProviderIdentification <PrvdrId>

*Presence:* [0..1]

*Definition:* Identifies the provider of the software, hardware or parameters of the POI component.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.4.3.3 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the POI component assigned by its provider.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.4.3.4 SerialNumber <SrlNb>

*Presence:* [0..1]

*Definition:* Serial number identifying an occurrence of an hardware component.

*Datatype:* "Max35Text" on page 2426

### 23.1.7.4.4 Status <Sts>

*Presence:* [0..1]

*Definition:* Status of the POI (Point Of Interaction) component.

**Status <Sts>** contains the following **PointOfInteractionComponentStatus3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VersionNumber <VrsnNb>	[0..1]	Text		2266
	Status <Sts>	[0..1]	CodeSet		2266
	ExpiryDate <XpryDt>	[0..1]	Date		2266

#### 23.1.7.4.4.1 VersionNumber <VrsnNb>

*Presence:* [0..1]

*Definition:* Current version of the component that might include the release number.

*Datatype:* "Max256Text" on page 2425

#### 23.1.7.4.4.2 Status <Sts>

*Presence:* [0..1]

*Definition:* Current status of the component.

*Datatype:* "POIComponentStatus1Code" on page 2412

CodeName	Name	Definition
WAIT	WaitingActivation	Component not yet activated.
OUTD	OutOfOrder	Component not working properly.
OPER	InOperation	Component activated and in operation.
DACT	Deactivated	Component has been deactivated.

#### 23.1.7.4.4.3 ExpiryDate <XpryDt>

*Presence:* [0..1]

*Definition:* Expiration date of the component.

*Datatype:* "ISODate" on page 2420

#### 23.1.7.4.5 StandardCompliance <StdCmplc>

*Presence:* [0..\*]

*Definition:* Identification of the standard for which the component complies with.

**StandardCompliance <StdCmplc>** contains the following **GenericIdentification48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2266
	Version <Vrsn>	[1..1]	Text		2267
	Issuer <Issr>	[1..1]	Text		2267

#### 23.1.7.4.5.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Proprietary information, often a code, issued by the data source scheme issuer.

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*Datatype:* "Max35Text" on page 2426

#### **23.1.7.4.5.2 Version <Vrsn>**

*Presence:* [1..1]

*Definition:* Version of the identification.

*Datatype:* "Max35Text" on page 2426

#### **23.1.7.4.5.3 Issuer <Issr>**

*Presence:* [1..1]

*Definition:* Entity that assigns the identification.

*Datatype:* "Max35Text" on page 2426

#### **23.1.7.4.6 Characteristics <Chrtcs>**

*Presence:* [0..1]

*Definition:* Characteristics of a POI (Point Of Interaction) component.

**Characteristics <Chrtcs>** contains the following **PointOfInteractionComponentCharacteristics6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Memory <Mmry>	[0..*]			2268
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269
	Communication <Com>	[0..*]			2269
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2274
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2274
	SecurityElement <SctyElmt>	[0..*]	±		2274

#### 23.1.7.4.6.1 Memory <Mmry>

*Presence:* [0..\*]

*Definition:* Memory characteristics of the component.

**Memory <Mmry>** contains the following **MemoryCharacteristics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2269
	TotalSize <TtlSz>	[1..1]	Quantity		2269
	FreeSize <FreeSz>	[1..1]	Quantity		2269
	Unit <Unit>	[1..1]	CodeSet		2269



#### 23.1.7.4.6.1.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification or name of the memory.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.4.6.1.2 TotalSize <TtlSz>

*Presence:* [1..1]

*Definition:* Total size of the memory unit.

*Datatype:* "DecimalNumber" on page 2422

#### 23.1.7.4.6.1.3 FreeSize <FreeSz>

*Presence:* [1..1]

*Definition:* Total size of the available memory.

*Datatype:* "DecimalNumber" on page 2422

#### 23.1.7.4.6.1.4 Unit <Unit>

*Presence:* [1..1]

*Definition:* Memory unit of the sizes.

*Datatype:* "MemoryUnit1Code" on page 2405

CodeName	Name	Definition
BYTE	Byte	Byte.
EXAB	ExaByte	Exa byte.
GIGA	GigaByte	Giga byte.
KILO	KiloByte	Kilo byte.
MEGA	MegaByte	Mega byte.
PETA	PetaByte	Peta byte.
TERA	TeraByte	Tera byte.

#### 23.1.7.4.6.2 Communication <Com>

*Presence:* [0..\*]

*Definition:* Low level communication of the hardware or software component toward another component or an external entity.

**Communication <Com>** contains the following **CommunicationCharacteristics5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommunicationType <ComTp>	[1..1]	CodeSet		2270
	RemoteParty <RmotPty>	[1..*]	CodeSet		2271
	Active <Actv>	[1..1]	Indicator		2271
	Parameters <Params>	[0..1]	±		2271
	PhysicalInterface <PhysIntrfc>	[0..1]			2272
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273

#### 23.1.7.4.6.2.1 CommunicationType <ComTp>

*Presence:* [1..1]

*Definition:* Type of low level communication.

*Datatype:* "POICommunicationType2Code" on page 2411

CodeName	Name	Definition
BLTH	Bluetooth	Communication with a host using Bluetooth.
ETHR	Ethernet	Ethernet port to communicate.
GPRS	GPRS	Communication with a host using GPRS.
GSMF	GSM	Communication with a host using GSM.
PSTN	PSTN	Communication with a host using Public Switching Telephone Network.
RS23	RS232	Serial port to communicate.
USBD	USBDevice	Communication with a USB stick or any USB device.
USBH	USBHost	Communication with a host from an USB port.
WIFI	Wifi	Wifi communication with another component.
WT2G	WirelessTechnology2G	Includes all communication technologies which can be qualified as being part of the 2G technology (e.g EDGE or PDC).
WT3G	WirelessTechnology3G	Includes all communication technologies which can be qualified as being part of the 3G technology.

CodeName	Name	Definition
WT4G	WirelessTechnology4G	Includes all communication technologies which can be qualified as being part of the 4G technology.
WT5G	WirelessTechnology5G	Includes all communication technologies which can be qualified as being part of the 5G technology.

#### 23.1.7.4.6.2.2 RemoteParty <RmotPty>

*Presence:* [1..\*]

*Definition:* Entity that communicate with the current component, using this communication device.

*Datatype:* "PartyType7Code" on page 2410

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
PCPT	POIComponent	Party component of a POI system or POI terminal (Point of Interaction).
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.
SALE	SaleSystem	Party selling goods and services.

#### 23.1.7.4.6.2.3 Active <Actv>

*Presence:* [1..1]

*Definition:* Communication hardware is activated.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.7.4.6.2.4 Parameters <Params>

*Presence:* [0..1]

*Definition:* Network parameters of the communication link.

**Parameters <Params>** contains the following elements (see "[NetworkParameters7](#)" on page 2321 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2321
	NetworkType <NtwkTp>	[1..1]	CodeSet		2321
	AddressValue <AdrVal>	[1..1]	Text		2321
	UserName <UsrNm>	[0..1]	Text		2322
	AccessCode <AccsCd>	[0..1]	Binary		2322
	ServerCertificate <SvrCert>	[0..*]	Binary		2322
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2322
	ClientCertificate <ClntCert>	[0..*]	Binary		2322
	SecurityProfile <SctyPrfl>	[0..1]	Text		2322

#### 23.1.7.4.6.2.5 PhysicalInterface <PhysIntrfc>

*Presence:* [0..1]

*Definition:* Physical Interface used by the communication link.

**PhysicalInterface <PhysIntrfc>** contains the following **PhysicalInterfaceParameter1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InterfaceName <IntrfcNm>	[1..1]	Text		2272
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2272
	UserName <UsrNm>	[0..1]	Text		2273
	AccessCode <AccsCd>	[0..1]	Binary		2273
	SecurityProfile <SctyPrfl>	[0..1]	Text		2273
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2273

##### 23.1.7.4.6.2.5.1 InterfaceName <IntrfcNm>

*Presence:* [1..1]

*Definition:* Identification of the interface.

*Datatype:* "[Max35Text](#)" on page 2426

##### 23.1.7.4.6.2.5.2 InterfaceType <IntrfcTp>

*Presence:* [0..1]

*Definition:* Identification of the physical link layer.

*Datatype:* "[POICommunicationType2Code](#)" on page 2411

CodeName	Name	Definition
BLTH	Bluetooth	Communication with a host using Bluetooth.
ETHR	Ethernet	Ethernet port to communicate.
GPRS	GPRS	Communication with a host using GPRS.
GSMF	GSM	Communication with a host using GSM.
PSTN	PSTN	Communication with a host using Public Switching Telephone Network.
RS23	RS232	Serial port to communicate.
USBD	USBDevice	Communication with a USB stick or any USB device.
USBH	USBHost	Communication with a host from an USB port.
WIFI	Wifi	Wifi communication with another component.
WT2G	WirelessTechnology2G	Includes all communication technologies which can be qualified as being part of the 2G technology (e.g EDGE or PDC).
WT3G	WirelessTechnology3G	Includes all communication technologies which can be qualified as being part of the 3G technology.
WT4G	WirelessTechnology4G	Includes all communication technologies which can be qualified as being part of the 4G technology.
WT5G	WirelessTechnology5G	Includes all communication technologies which can be qualified as being part of the 5G technology.

#### 23.1.7.4.6.2.5.3 UserName <UsrNm>

*Presence:* [0..1]

*Definition:* Optional user name to provide to use this interface.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.4.6.2.5.4 AccessCode <AccsCd>

*Presence:* [0..1]

*Definition:* Optional access code to provide to use this interface.

*Datatype:* "Max35Binary" on page 2377

#### 23.1.7.4.6.2.5.5 SecurityProfile <SctyPrfl>

*Presence:* [0..1]

*Definition:* Identification of the optional security profile to use with this interface.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.4.6.2.5.6 AdditionalParameters <AddtlParams>

*Presence:* [0..1]

*Definition:* Any other parameters relevant for this interface.

*Datatype:* "Max2KBinary" on page 2376

### 23.1.7.4.6.3 SecurityAccessModules <SctyAccsMdls>

*Presence:* [0..1]

*Definition:* Number of security access modules (SAM).

*Datatype:* "Number" on page 2423

### 23.1.7.4.6.4 SubscriberIdentityModules <SbcbriDntyMdls>

*Presence:* [0..1]

*Definition:* Number of subscriber identity modules (SIM).

*Datatype:* "Number" on page 2423

### 23.1.7.4.6.5 SecurityElement <SctyElmt>

*Presence:* [0..\*]

*Definition:* Security characteristics of the component.

**SecurityElement <SctyElmt>** contains the following elements (see "CryptographicKey14" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2328
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2328
	Name <Nm>	[0..1]	Text		2328
	SecurityProfile <SctyPrfl>	[0..1]	Text		2329
	ItemNumber <ItmNb>	[0..1]	Text		2329
	Version <Vrsn>	[1..1]	Text		2329
	Type <Tp>	[0..1]	CodeSet		2329
	Function <Fctn>	[0..*]	CodeSet		2330
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2330
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2330
	KeyValue <KeyVal>	[0..1]	±		2331
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2331
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2331
	Name <Nm>	[1..1]	Text		2331
	Value <Val>	[0..1]	Text		2331

### 23.1.7.4.7 Assessment <Assmnt>

*Presence:* [0..\*]

*Definition:* Assessments for the component of the point of interaction.

**Assessment <Assmnt>** contains the following **PointOfInteractionComponentAssessment1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2275
	Assigner <Assgnr>	[1..*]	Text		2275
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2275
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2275
	Number <Nb>	[1..1]	Text		2275

#### 23.1.7.4.7.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of assessment of the component.

*Datatype:* "POIComponentAssessment1Code" on page 2411

CodeName	Name	Definition
APPL	Approval	Approval number delivered by an approval centre.
CERT	Certification	Certification number delivered by a certification body.
EVAL	Evaluation	Evaluation by a lab or a tool.

#### 23.1.7.4.7.2 Assigner <Assgnr>

*Presence:* [1..\*]

*Definition:* Body which has delivered the assessment.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.4.7.3 DeliveryDate <DlvryDt>

*Presence:* [0..1]

*Definition:* Date when the assessment has been delivered.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.7.4.7.4 ExpirationDate <XprtnDt>

*Presence:* [0..1]

*Definition:* Date when the assessment will expire.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.7.4.7.5 Number <Nb>

*Presence:* [1..1]

*Definition:* Unique assessment number for the component.

*Datatype:* "Max35Text" on page 2426

### 23.1.7.4.8 Package <Packg>

*Presence:* [0..\*]

*Definition:* Chunk of a software package.

**Package <Packg>** contains the following **PackageType1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Packageldentification <PackgId>	[0..1]	±		2276
	PackageLength <PackgLngh>	[0..1]	Quantity		2276
	OffsetStart <OffsetStart>	[0..1]	Quantity		2276
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2277
	PackageBlock <PackgBlck>	[0..*]			2277
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrtctdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

#### 23.1.7.4.8.1 Packageldentification <PackgId>

*Presence:* [0..1]

*Definition:* Identification of the software packages of which the chunk belongs.

**Packageldentification <PackgId>** contains the following elements (see "[GenericIdentification176](#)" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2248
	Type <Tp>	[0..1]	CodeSet		2248
	Issuer <Issr>	[0..1]	CodeSet		2249
	Country <Ctry>	[0..1]	Text		2249
	ShortName <ShrtNm>	[0..1]	Text		2249

#### 23.1.7.4.8.2 PackageLength <PackgLngh>

*Presence:* [0..1]

*Definition:* Full length of software package identified through Packageldentification.

*Datatype:* "[PositiveNumber](#)" on page 2423

#### 23.1.7.4.8.3 OffsetStart <OffsetStart>

*Presence:* [0..1]

*Definition:* Place of the first following PackageBlock, beginning with 0, in the full software package identified through Packageldentification.



*Datatype:* "PositiveNumber" on page 2423

#### 23.1.7.4.8.4 OffsetEnd <OffsetEnd>

*Presence:* [0..1]

*Definition:* Following place of the last following PackageBlock in the full software package identified through PackageIdentification.

*Datatype:* "PositiveNumber" on page 2423

#### 23.1.7.4.8.5 PackageBlock <PackgBlck>

*Presence:* [0..\*]

*Definition:* Consecutive slices of the full software package identified through PackageIdentification starting with first slice at the place identified with OffsetStart and ending with the last slice at the previous place identified with OffsetEnd.

**PackageBlock <PackgBlck>** contains the following **ExternallyDefinedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2277
	Value <Val>	[0..1]	Binary		2277
	ProtectedValue <PrctcdVal>	[0..1]	±		2277
	Type <Tp>	[0..1]	Text		2278

##### 23.1.7.4.8.5.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2424

##### 23.1.7.4.8.5.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2376

##### 23.1.7.4.8.5.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "[ContentInformationType23](#)" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 23.1.7.4.8.5.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Identification of the standard used to encode the values to exchange.

*Datatype:* "[Max1025Text](#)" on page 2424

#### 23.1.7.5 AggregationTransaction3

*Definition:* Payment transaction with an aggregated amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2278
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2278
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2279
	IndividualPayment <IndvPmt>	[0..*]			2279
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Labl>	[0..1]	Text		2280

##### 23.1.7.5.1 FirstPaymentDateTime <FrstPmtDtTm>

*Presence:* [0..1]

*Definition:* Date and time of the first payment.

*Datatype:* "[ISODatetime](#)" on page 2420

##### 23.1.7.5.2 LastPaymentDateTime <LastPmtDtTm>

*Presence:* [0..1]

*Definition:* Date and time of the last payment.

*Datatype:* "[ISODatetime](#)" on page 2420

### 23.1.7.5.3 NumberOfPayments <NbOfPmts>

*Presence:* [0..1]

*Definition:* Total number of payments that has been aggregated.

*Datatype:* "Number" on page 2423

### 23.1.7.5.4 IndividualPayment <IndvPmt>

*Presence:* [0..\*]

*Definition:* Individual payment that has been aggregated.

**IndividualPayment <IndvPmt>** contains the following **DetailedAmount21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2279
	DateTime <DtTm>	[1..1]	DateTime		2279
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2279
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2280
	Label <Labl>	[0..1]	Text		2280

#### 23.1.7.5.4.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.7.5.4.2 DateTime <DtTm>

*Presence:* [1..1]

*Definition:* Date and time of the payment.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.7.5.4.3 CardDataEntryMode <CardDataNtryMd>

*Presence:* [0..1]

*Definition:* Card data entry mode for the related payment.

*Datatype:* "CardDataReading8Code" on page 2393

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.

CodeName	Name	Definition
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

#### 23.1.7.5.4.4 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data of an integrated circuit card application for the related payment.

*Datatype:* "Max10000Binary" on page 2375

#### 23.1.7.5.4.5 Label <Labl>

*Presence:* [0..1]

*Definition:* Short description of the amount to display or print.

*Datatype:* "Max140Text" on page 2424

#### 23.1.7.6 CardPaymentContext28

*Definition:* Context in which the transaction is performed (payment and sale).

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			2283
	CardPresent <CardPres>	[0..1]	Indicator		2283
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		2283
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2283
	AttendanceContext <AttnDncCntxt>	[0..1]	CodeSet		2284
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2284
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2284
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		2285
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C3	2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		2286
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		2286
	SaleContext <SaleCntxt>	[0..1]			2286
	SaleIdentification <SaleId>	[0..1]	Text		2287
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2287
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2288
	CashierIdentification <CshrId>	[0..1]	Text		2288
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	2288
	ShiftNumber <ShftNb>	[0..1]	Text		2288
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		2288
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		2288
	InvoiceNumber <InvNb>	[0..1]	Text		2288
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2289
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2289
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <RegIdR>	[1..1]	Text		2289
	SplitPayment <SpltPmt>	[0..1]	Indicator		2290
	RemainingAmount <RmngAmt>	[0..1]	Amount		2290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2290
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2290
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2290
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2291
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2291
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2291
	DebtorIdentification <DbtrId>	[0..1]			2292
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296
	CreditorIdentification <CdtrId>	[1..1]			2296
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2298
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299
	MandateImage <MndtImg>	[0..1]	Binary		2299

### 23.1.7.6.1 PaymentContext <PmtCntxt>

*Presence:* [0..1]

*Definition:* Context of the card payment transaction.

**PaymentContext <PmtCntxt>** contains the following **PaymentContext27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		2283
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		2283
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2283
	AttendanceContext <AttndncCntxt>	[0..1]	CodeSet		2284
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2284
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2284
	AttendantMessageCapable <AttndntMsgCpbl>	[0..1]	Indicator		2285
	AttendantLanguage <AttndntLang>	[0..1]	CodeSet	C3	2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		2286
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		2286

#### 23.1.7.6.1.1 CardPresent <CardPres>

*Presence:* [0..1]

*Definition:* Indicates whether the transaction has been initiated by a card physically present or not.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.7.6.1.2 CardholderPresent <CrdhldrPres>

*Presence:* [0..1]

*Definition:* Indicates whether the transaction has been initiated in presence of the cardholder or not.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.7.6.1.3 OnLineContext <OnLineCntxt>

*Presence:* [0..1]

*Definition:* On-line or off-line context of the transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2422](#)):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.7.6.1.4 AttendanceContext <AttdncCntxt>

*Presence:* [0..1]

*Definition:* Human attendance at the POI (Point Of Interaction) location during the transaction.

*Datatype:* "AttendanceContext1Code" on page 2387

CodeName	Name	Definition
ATTD	Attended	Attended payment, with an attendant.
SATT	SemiAttended	Semi-attended, including self checkout. An attendant supervises several payment, and could be called to help the cardholder.
UATT	Unattended	Unattended payment, no attendant present.

#### 23.1.7.6.1.5 TransactionEnvironment <TxEnv>

*Presence:* [0..1]

*Definition:* Indicates the environment of the transaction.

*Datatype:* "TransactionEnvironment1Code" on page 2416

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

#### 23.1.7.6.1.6 TransactionChannel <TxChanl>

*Presence:* [0..1]

*Definition:* Identifies the type of the communication channels used by the cardholder to the acceptor system.

*Datatype:* "TransactionChannel5Code" on page 2416

CodeName	Name	Definition
MAIL	MailOrder	Mail order.
TLPH	TelephoneOrder	Telephone order.
ECOM	ElectronicCommerce	Electronic commerce.
TVPY	TelevisionPayment	Payment on television.
SECM	SecuredElectronicCommerce	Electronic commerce with cardholder authentication.
MOBL	MobilePayment	Payment performed through a cardholder mobile device.
MPOS	MobilePOS	Payment performed through a merchant mobile device.



### 23.1.7.6.1.7 AttendantMessageCapable <AttndntMsgCpbl>

*Presence:* [0..1]

*Definition:* Indicates whether a message can be sent or not on an attendant display (attendant display present or not).

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

### 23.1.7.6.1.8 AttendantLanguage <AttndntLang>

*Presence:* [0..1]

*Definition:* Language used to display messages to the attendant.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

#### Constraints

- **ValidationByTable**  
Must be a valid terrestrial language.

### 23.1.7.6.1.9 CardDataEntryMode <CardDataNtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the card data.

*Datatype:* "CardDataReading8Code" on page 2393

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.

CodeName	Name	Definition
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

#### 23.1.7.6.1.10 FallbackIndicator <FllbckInd>

*Presence:* [0..1]

*Definition:* Indicator of a card entry mode fallback.

*Datatype:* "CardFallback1Code" on page 2393

CodeName	Name	Definition
FFLB	FallbackAfterFailure	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal failed.
SFLB	FallbackAfterSuccess	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal was successful.
NFLB	NoFallback	No card fall-back during the transaction in progress.

#### 23.1.7.6.1.11 SupportedOption <SpprtdOptn>

*Presence:* [0..\*]

*Definition:* Payment options the card acceptor can support.

*Datatype:* "SupportedPaymentOption1Code" on page 2415

CodeName	Name	Definition
PART	PartialApproval	The entity supports a partial approval of the payment transaction.
MSRV	PaymentApprovalOnly	The entity supports the approval of the payment service along with the decline of additional requested services (as cash-back).

#### 23.1.7.6.2 SaleContext <SaleCntxt>

*Presence:* [0..1]

*Definition:* Context of the sale involving the card payment transaction.

**SaleContext** <SaleCntxt> contains the following **SaleContext4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		2287
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2287
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2288
	CashierIdentification <CshrId>	[0..1]	Text		2288
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	2288
	ShiftNumber <ShiftNb>	[0..1]	Text		2288
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		2288
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		2288
	InvoiceNumber <InvNb>	[0..1]	Text		2288
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2289
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2289
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <Regdldr>	[1..1]	Text		2289
	SplitPayment <Spltpmt>	[0..1]	Indicator		2290
	RemainingAmount <RmngAmt>	[0..1]	Amount		2290
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2290
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2290
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2290
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2291
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2291

#### 23.1.7.6.2.1 SaleIdentification <SaleId>

*Presence:* [0..1]

*Definition:* Identification of the sale terminal (electronic cash register or point of sale terminal) or the sale system.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.6.2.2 SaleReferenceNumber <SaleRefNb>

*Presence:* [0..1]

*Definition:* Identify a sale transaction assigned by the sale system.

*Datatype:* "Max35Text" on page 2426

#### **23.1.7.6.2.3 SaleReconciliationIdentification <SaleRcncltnId>**

*Presence:* [0..1]

*Definition:* Identifier of the reconciliation between the Sale system and the POI system.

*Datatype:* "Max35Text" on page 2426

#### **23.1.7.6.2.4 CashierIdentification <CshrId>**

*Presence:* [0..1]

*Definition:* Identification of the cashier who carried out the transaction.

*Datatype:* "Max35Text" on page 2426

#### **23.1.7.6.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2404

##### **Constraints**

- **ValidationByTable**

Must be a valid terrestrial language.

#### **23.1.7.6.2.6 ShiftNumber <ShftNb>**

*Presence:* [0..1]

*Definition:* Identifies the shift of the cashier.

*Datatype:* "Max2NumericText" on page 2425

#### **23.1.7.6.2.7 CustomerOrderRequestFlag <CstmrOrdReqFlg>**

*Presence:* [0..1]

*Definition:* Flag indicating that list of CustomerOrders should be returned in response.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **23.1.7.6.2.8 PurchaseOrderNumber <PurchsOrdNb>**

*Presence:* [0..1]

*Definition:* Identification of the purchase order.

*Datatype:* "Max35Text" on page 2426

#### **23.1.7.6.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.6.2.10 DeliveryNoteNumber <DlvryNoteNb>

*Presence:* [0..1]

*Definition:* Identification allocated by the sale system and given to the customer.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.6.2.11 SponsoredMerchant <SpnsrdMrchnt>

*Presence:* [0..\*]

*Definition:* Merchant using the payment services of a payment facilitator, acting as a card acceptor.

**SponsoredMerchant <SpnsrdMrchnt>** contains the following **Organisation26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommonName <CmonNm>	[1..1]	Text		2289
	Address <Adr>	[0..1]	Text		2289
	CountryCode <CtryCd>	[1..1]	CodeSet		2289
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2289
	RegisteredIdentifier <Regdldr>	[1..1]	Text		2289

##### 23.1.7.6.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2427

##### 23.1.7.6.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2424

##### 23.1.7.6.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2403

##### 23.1.7.6.2.11.4 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [1..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* "Min3Max4Text" on page 2429

##### 23.1.7.6.2.11.5 RegisteredIdentifier <Regdldr>

*Presence:* [1..1]

*Definition:* Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

*Datatype:* "Max35Text" on page 2426

#### **23.1.7.6.2.12 SplitPayment <SpltPmt>**

*Presence:* [0..1]

*Definition:* True if the payment transaction is a partial payment of the sale transaction.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **23.1.7.6.2.13 RemainingAmount <RmngAmt>**

*Presence:* [0..1]

*Definition:* Remaining amount to complete the sale transaction, if a partial payment has been completed for the sale transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### **23.1.7.6.2.14 ForceOnlineFlag <ForceOnlnFlg>**

*Presence:* [0..1]

*Definition:* Indicates if the Cashier requires POI forces online access to the Acquirer.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **23.1.7.6.2.15 ReuseCardDataFlag <ReuseCardDataFlg>**

*Presence:* [0..1]

*Definition:* Indicates if the card data has to be taken from a previous transaction.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### **23.1.7.6.2.16 AllowedEntryMode <AllwdNtryMd>**

*Presence:* [0..\*]

*Definition:* Type of card data reading.

*Datatype:* "CardDataReading8Code" on page 2393

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.

CodeName	Name	Definition
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

#### 23.1.7.6.2.17 SaleTokenScope <SaleTknScp>

*Presence:* [0..1]

*Definition:* Scope of the token that identifies the payment mean of the customer.

*Datatype:* "SaleTokenScope1Code" on page 2415

CodeName	Name	Definition
MULT	MultipleUse	The token is generated to recognise a customer for a longer period.
SNGL	SingleUse	The token is generated to recognise a customer during the lifetime of a transaction.

#### 23.1.7.6.2.18 AdditionalSaleData <AddtlSaleData>

*Presence:* [0..1]

*Definition:* Additional information associated with the sale transaction.

*Datatype:* "Max70Text" on page 2427

#### 23.1.7.6.3 DirectDebitContext <DrctDbtCntxt>

*Presence:* [0..1]

*Definition:* Context of the direct debit transaction.

**DirectDebitContext <DrctDbtCntxt>** contains the following **CardDirectDebit2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorIdentification <DbtrId>	[0..1]			2292
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296
	CreditorIdentification <CdtrId>	[1..1]			2296
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2298
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299
	MandateImage <MndtImg>	[0..1]	Binary		2299

#### 23.1.7.6.3.1 DebtorIdentification <DbtrId>

*Presence:* [0..1]

*Definition:* Information related to the debtor.



**DebtorIdentification <DbtrId>** contains the following **Debtor4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]			2293
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294
	AccountIdentification <AcctId>	[0..1]			2295
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification <Id>	[1..1]	Text		2296

#### 23.1.7.6.3.1.1 Debtor <Dbtr>

*Presence:* [0..1]

*Definition:* Party that owes an amount of money to the (ultimate) creditor. In the context of the payment model, the debtor is also the debit account owner.

**Debtor <Dbtr>** contains one of the following **PartyIdentification178Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2293
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2294
Or}	NameAndAddress <NmAndAdr>	[1..1]			2294
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294

#### 23.1.7.6.3.1.1.1 AnyBIC <AnyBIC>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier for an organisation that is allocated by an institution, for example, Dun & Bradstreet Identification.

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

## Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

### 23.1.7.6.3.1.1.2 ProprietaryIdentification <Prtryld>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <Prtryld>** contains the following elements (see "[GenericIdentification36](#)" on page 2251 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2251
	Issuer <Issr>	[1..1]	Text		2251
	SchemeName <SchmeNm>	[0..1]	Text		2252

### 23.1.7.6.3.1.1.3 NameAndAddress <NmAndAdr>

*Presence:* [1..1]

*Definition:* Name by which a party is known and which is usually used to identify that party.

**NameAndAddress <NmAndAdr>** contains the following **NameAndAddress6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2294
	Address <Adr>	[1..1]	±		2294

#### 23.1.7.6.3.1.1.3.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and which is usually used to identify that party.

*Datatype:* "[Max70Text](#)" on page 2427

#### 23.1.7.6.3.1.1.3.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Information that locates and identifies a specific address, as defined by postal services.

**Address <Adr>** contains the following elements (see "PostalAddress2" on page 2371 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StreetName <StrtNm>	[0..1]	Text		2371
	PostCodeIdentification <PstCdd>	[1..1]	Text		2371
	TownName <TwnNm>	[1..1]	Text		2372
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2372
	Country <Ctry>	[1..1]	CodeSet	C1	2372

#### 23.1.7.6.3.1.2 AccountIdentification <AcctId>

*Presence:* [0..1]

*Definition:* Unique and unambiguous identification for the account between the account owner and the account servicer.

**AccountIdentification <AcctId>** contains one of the following **CashAccountIdentification7Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	2295
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2295
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2296
Or}	DomesticAccount <DmstAcct>	[1..1]			2296
	Identification </d>	[1..1]	Text		2296

#### 23.1.7.6.3.1.2.1 IBAN <IBAN>

*Presence:* [1..1]

*Definition:* International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

*Impacted by:* C4 "IBAN"

*Datatype:* "IBAN2007Identifier" on page 2421

#### Constraints

- IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

#### 23.1.7.6.3.1.2.2 BBAN <BBAN>

*Presence:* [1..1]

*Definition:* Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, ie, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

*Datatype:* "BBANIdentifier" on page 2421

### 23.1.7.6.3.1.2.3 UPIC <UPIC>

*Presence:* [1..1]

*Definition:* Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Datatype:* "UPICIdentifier" on page 2422

### 23.1.7.6.3.1.2.4 DomesticAccount <DmstAcct>

*Presence:* [1..1]

*Definition:* Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

**DomesticAccount <DmstAcct>** contains the following **SimpleIdentificationInformation4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2296

#### 23.1.7.6.3.1.2.4.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Name or number assigned by an entity to enable recognition of that entity, for example, account identifier.

*Datatype:* "Max35Text" on page 2426

### 23.1.7.6.3.2 CreditorIdentification <CdtrId>

*Presence:* [1..1]

*Definition:* Information related to the creditor.

**CreditorIdentification <CdtrId>** contains the following **Creditor4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Creditor <Cdtr>	[1..1]			2297
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298
	RegistrationIdentification <RegnId>	[0..1]	Text		2298

### 23.1.7.6.3.2.1 Creditor <Cdtr>

*Presence:* [1..1]

*Definition:* Party that receives an amount of money from the debtor. In the context of the payment model, the creditor is also the credit account owner.

**Creditor <Cdtr>** contains one of the following **PartyIdentification178Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	2297
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		2297
Or}	NameAndAddress <NmAndAdr>	[1..1]			2297
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298

#### 23.1.7.6.3.2.1.1 AnyBIC <AnyBIC>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier for an organisation that is allocated by an institution, for example, Dun & Bradstreet Identification.

*Impacted by:* C2 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2420

#### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

#### 23.1.7.6.3.2.1.2 ProprietaryIdentification <PrtryId>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

**ProprietaryIdentification <PrtryId>** contains the following elements (see "GenericIdentification36" on page 2251 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2251
	Issuer <Issr>	[1..1]	Text		2251
	SchemeName <SchmeNm>	[0..1]	Text		2252

#### 23.1.7.6.3.2.1.3 NameAndAddress <NmAndAdr>

*Presence:* [1..1]

*Definition:* Name by which a party is known and which is usually used to identify that party.

**NameAndAddress <NmAndAdr>** contains the following **NameAndAddress6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2298
	Address <Adr>	[1..1]	±		2298

#### 23.1.7.6.3.2.1.3.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name by which a party is known and which is usually used to identify that party.

*Datatype:* "Max70Text" on page 2427

#### 23.1.7.6.3.2.1.3.2 Address <Adr>

*Presence:* [1..1]

*Definition:* Information that locates and identifies a specific address, as defined by postal services.

**Address <Adr>** contains the following elements (see "PostalAddress2" on page 2371 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StreetName <StrtNm>	[0..1]	Text		2371
	PostCodeIdentification <PstCdId>	[1..1]	Text		2371
	TownName <TwnNm>	[1..1]	Text		2372
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2372
	Country <Ctry>	[1..1]	CodeSet	C1	2372

#### 23.1.7.6.3.2.2 RegistrationIdentification <RegnId>

*Presence:* [0..1]

*Definition:* Reference assigned to a creditor by its financial institution, or relevant authority, authorising the creditor to take part in a direct debit scheme.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.6.3.3 MandateRelatedInformation <MndtRltdInf>

*Presence:* [1..1]

*Definition:* Provides further details of the mandate signed between the creditor and the debtor.

**MandateRelatedInformation <MndtRltdInf>** contains the following **MandateRelatedInformation13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		2299
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2299
	MandateImage <MndtImg>	[0..1]	Binary		2299

### 23.1.7.6.3.3.1 MandateIdentification <MndtId>

*Presence:* [1..1]

*Definition:* Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

*Datatype:* "Max35Text" on page 2426

### 23.1.7.6.3.3.2 DateOfSignature <DtOfSgntr>

*Presence:* [0..1]

*Definition:* Date on which the direct debit mandate has been signed by the debtor.

*Datatype:* "ISODate" on page 2420

### 23.1.7.6.3.3.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2376

## 23.1.7.7 ActionMessage7

*Definition:* Information to display, print or store.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2299
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2300
	Format <Frmt>	[0..1]	CodeSet		2301
	MessageContent <MsgCntt>	[1..1]	Text		2301
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2301
	OutputBarcode <OutptBrcd>	[0..1]			2301
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrCdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2303
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2303
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2303

### 23.1.7.7.1 MessageDestination <MsgDstn>

*Presence:* [1..1]

*Definition:* Destination of the message.

*Datatype:* "UserInterface4Code" on page 2419

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.

### 23.1.7.7.2 InformationQualifier <InfQlfr>

*Presence:* [0..1]

*Definition:* Qualification of the information to sent to an output logical device.

*Datatype:* "InformationQualify1Code" on page 2402

CodeName	Name	Definition
CUSA	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.
DISP	Display	Standard display interface.
DOCT	Document	When the POI System wants to print specific document (check, dynamic currency conversion ...). Used by the Sale System when the printer is not located on the Sale System.
ERRO	Error	The information is related to an error situation occurring on the message sender.
INPT	Input	Answer to a question or information to be entered by the Cashier or the Customer, at the request of the POI Terminal or the Sale Terminal.
POIR	POIReplication	Information displayed on the Cardholder POI interface, replicated on the Cashier interface.
RCPT	Receipt	Where you print the Payment receipt that could be located on the Sale System or in some cases a restricted Sale ticket on the POI Terminal.
SOND	Sound	Standard sound interface.
STAT	Status	The information is a new state on which the message sender is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.
VCHR	Voucher	Coupons, voucher or special ticket generated by the POI or the Sale System and to be printed.



### 23.1.7.7.3 Format <Frmt>

*Presence:* [0..1]

*Definition:* Message format.

*Datatype:* "OutputFormat3Code" on page 2408

CodeName	Name	Definition
BARC	Barcode	Barcode to output in several possible format.
MENT	MenuEntry	A text to display as a menu before requesting an input.
MREF	MessageReference	Predefined configured messages, identified by a reference.
SREF	ScreenReference	Screen to display identified by a reference.
TEXT	SimpleText	Text without format attributes.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

### 23.1.7.7.4 MessageContent <MsgCntt>

*Presence:* [1..1]

*Definition:* Content or reference of the message.

*Datatype:* "Max20000Text" on page 2425

### 23.1.7.7.5 MessageContentSignature <MsgCnttSgntr>

*Presence:* [0..1]

*Definition:* Digital signature of the message.

**MessageContentSignature <MsgCnttSgntr>** contains the following elements (see "ContentInformationType21" on page 2351 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2351
	AuthenticatedData <AuthntcdData>	[0..1]	±		2351
	SignedData <SgndData>	[0..1]	±		2352

### 23.1.7.7.6 OutputBarcode <OutptBrcd>

*Presence:* [0..1]

*Definition:* Content of message displayed or printed as Barcode.

**OutputBarcode <OutptBrcd>** contains the following **OutputBarcode1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2302
	BarcodeValue <BrcdVal>	[0..1]	Text		2302
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2302
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2303
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		2303
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2303

#### 23.1.7.7.6.1 BarcodeType <BrcdTp>

*Presence:* [1..1]

*Definition:* Type of Barcode coding.

*Datatype:* "BarcodeType1Code" on page 2390

CodeName	Name	Definition
COQR	BarcodeEncodedAs2DQRCode	Barcode encoded according to the 2Dimensions Quick Response Code Standard.
C128	BarcodeEncodedAsCode128	Barcode encoded according to the Code 128 standard.
C025	BarcodeEncodedAsCode25	Barcode encoded according to the Code 25 standard.
C039	BarcodeEncodedAsCode39	Barcode encoded according to the Code 39 standard.
EA13	BarcodeEncodedAsEA13	Barcode encoded according to the EAN13 standard.
EAN8	BarcodeEncodedAsEAN8	Barcode encoded according to the EAN8 standard.
P417	BarcodeEncodedAsPDF417	Barcode encoded according to the PDF417 standard.
UPCA	BarcodeEncodedAsUPCA	Barcode encoded according to the UPCA standard.

#### 23.1.7.7.6.2 BarcodeValue <BrcdVal>

*Presence:* [0..1]

*Definition:* Value with a Barcode coding.

*Datatype:* "Max8000Text" on page 2428

#### 23.1.7.7.6.3 QRCodeBinaryValue <QRCDBinryVal>

*Presence:* [0..1]

*Definition:* Use for binary and Kanji Quick Response Code.

*Datatype:* "Max3000Binary" on page 2377

#### 23.1.7.7.6.4 QRCodeVersion <QRCDVrsn>

*Presence:* [0..1]

*Definition:* Version of the Quick Response Code.

*Datatype:* "Max16Text" on page 2425

#### 23.1.7.7.6.5 QRCodeEncodingMode <QRCDncodgMd>

*Presence:* [1..1]

*Definition:* Encoding Mode of Quick Response Code.

*Datatype:* "QRCodeEncodingMode1Code" on page 2413

CodeName	Name	Definition
ALFA	Alphanumeric	Alphanumeric value provided in Barcode field.
BINA	Binary	Binary value provided in Quick Response Code Binary Value.
KANJ	Kanji	Kanji value provided in Quick Response Code Binary Value.
NUME	Numeric	Numeric value provided in Barcode field.

#### 23.1.7.7.6.6 QRCodeErrorCorrection <QRCDerrCrrctn>

*Presence:* [0..1]

*Definition:* Error Correction mode of Quick Response Code.

*Datatype:* "QRCodeErrorCorrection1Code" on page 2413

CodeName	Name	Definition
M015	ErrorCorrection15Percent	Reed-Solomon error correction 15%
Q025	ErrorCorrection25Percent	Reed-Solomon error correction 25%
H030	ErrorCorrection30Percent	Reed-Solomon error correction 30%
L007	ErrorCorrection7Percent	Reed-Solomon error correction 7%

#### 23.1.7.7.7 ResponseRequiredFlag <RspnReqrdFlg>

*Presence:* [0..1]

*Definition:* Flag to request a message response.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

#### 23.1.7.7.8 MinimumDisplayTime <MinDispTm>

*Presence:* [0..1]

*Definition:* Number of seconds the message has to be displayed.

*Datatype:* "Number" on page 2423

### 23.1.7.8 Product6

*Definition:* Purchased item.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2304
	ProductCode <PdctCd>	[1..1]	Text		2304
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2304
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2305
	ProductQuantity <PdctQty>	[0..1]	Quantity		2306
	UnitPrice <UnitPric>	[0..1]	Amount		2306
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2307
	ProductAmount <PdctAmt>	[1..1]	Amount		2307
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2307
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2307
	TaxType <TaxTp>	[0..1]	Text		2307
	ProductDescription <PdctDesc>	[0..1]	Text		2307
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2307
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2308
	SaleChannel <SaleChanl>	[0..1]	Text		2308
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2308

#### 23.1.7.8.1 ItemIdentification <ItmId>

*Presence:* [0..1]

*Definition:* Identification of the item inside the purchase transaction.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.8.2 ProductCode <PdctCd>

*Presence:* [1..1]

*Definition:* Product code of the item.

*Datatype:* "Max70Text" on page 2427

#### 23.1.7.8.3 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional product code related to the product.

*Datatype:* "Max70Text" on page 2427

#### 23.1.7.8.4 UnitOfMeasure <UnitOfMeasr>

*Presence:* [0..1]

*Definition:* Unit of measure of the item purchased.

*Datatype:* "UnitOfMeasure6Code" on page 2417

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.

CodeName	Name	Definition
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

#### 23.1.7.8.5 ProductQuantity <PdctQty>

*Presence:* [0..1]

*Definition:* Product quantity.

*Datatype:* "DecimalNumber" on page 2422

#### 23.1.7.8.6 UnitPrice <UnitPric>

*Presence:* [0..1]

*Definition:* Price per unit of product.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### **23.1.7.8.7 UnitPriceSign <UnitPricSgn>**

*Presence:* [0..1]

*Definition:* Sign of the unit price.

*Datatype:* One of the following values must be used (see ["PlusOrMinusIndicator" on page 2422](#)):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

#### **23.1.7.8.8 ProductAmount <PdctAmt>**

*Presence:* [1..1]

*Definition:* Monetary value of purchased product.

*Datatype:* ["ImpliedCurrencyAndAmount" on page 2375](#)

#### **23.1.7.8.9 ProductAmountSign <PdctAmtSgn>**

*Presence:* [0..1]

*Definition:* Sign of the product amount.

*Datatype:* One of the following values must be used (see ["PlusOrMinusIndicator" on page 2422](#)):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

#### **23.1.7.8.10 ValueAddedTax <ValAddedTax>**

*Presence:* [0..1]

*Definition:* Value added tax amount of the item included in the product amount.

*Datatype:* ["ImpliedCurrencyAndAmount" on page 2375](#)

#### **23.1.7.8.11 TaxType <TaxTp>**

*Presence:* [0..1]

*Definition:* Information on tax paid on the product.

*Datatype:* ["Max35Text" on page 2426](#)

#### **23.1.7.8.12 ProductDescription <PdctDesc>**

*Presence:* [0..1]

*Definition:* Description of the product or item.

*Datatype:* ["Max140Text" on page 2424](#)

#### **23.1.7.8.13 DeliveryLocation <DlvryLctn>**

*Presence:* [0..1]

*Definition:* Location of the delivery of the item, for instance pump number or parking bay.

*Datatype:* ["Max10Text" on page 2424](#)

#### 23.1.7.8.14 DeliveryService <DlvrySvc>

*Presence:* [0..1]

*Definition:* Identify the method of delivery or distribution of the item.

*Datatype:* "AttendanceContext2Code" on page 2387

CodeName	Name	Definition
ATTL	AttendantDelivery	Delivery by an attendant.
CARR	CarrierDelivery	Delivery by a carrier.
CUST	CustomerDelivery	Delivery by the customer.
FULL	FullServe	Full service for fuel distribution.
SELF	SelfServe	Self service for fuel distribution.

#### 23.1.7.8.15 SaleChannel <SaleChanl>

*Presence:* [0..1]

*Definition:* Commercial or distribution channel associated to the line item.

*Datatype:* "Max70Text" on page 2427

#### 23.1.7.8.16 AdditionalProductDescription <AddtlPdctDesc>

*Presence:* [0..1]

*Definition:* Additional information related to the line item.

*Datatype:* "Max256Text" on page 2425

#### 23.1.7.9 Vehicle1

*Definition:* Information related to a vehicle used during a transaction.



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2309
	TrailerNumber <TrlrNb>	[0..1]	Text		2309
	VehicleTag <VhclTag>	[0..1]	Text		2310
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2310
	UnitNumber <UnitNb>	[0..1]	Text		2310
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2310
	Odometer <Odmttr>	[0..1]	Quantity		2310
	Hubometer <Hbmtr>	[0..1]	Quantity		2311
	TrailerHours <TrlrHrs>	[0..1]	Text		2311
	ReferHours <RefrHrs>	[0..1]	Text		2311
	Maintenanceldentification <Mntncld>	[0..1]	Text		2311
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2311
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2313
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 23.1.7.9.1 VehicleNumber <VhclNb>

*Presence:* [0..1]

*Definition:* Number assigned to the vehicle for identification.

*Datatype:* "Max35NumericText" on page 2426

#### 23.1.7.9.2 TrailerNumber <TrlrNb>

*Presence:* [0..1]

*Definition:* Number assigned to the vehicle trailer for identification.

*Datatype:* "Max35NumericText" on page 2426

### 23.1.7.9.3 VehicleTag <VhclTag>

*Presence:* [0..1]

*Definition:* Registration tag of the vehicle.

*Datatype:* "Max35Text" on page 2426

### 23.1.7.9.4 VehicleTagEntryMode <VhclTagNtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the registration tag.

*Datatype:* "CardDataReading5Code" on page 2392

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.

### 23.1.7.9.5 UnitNumber <UnitNb>

*Presence:* [0..1]

*Definition:* Identification of the vehicle in the fleet.

*Datatype:* "Max35NumericText" on page 2426

### 23.1.7.9.6 ReplacementCar <RplcmntCar>

*Presence:* [0..1]

*Definition:* True if the car is a replacement car.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

### 23.1.7.9.7 Odometer <Odmtr>

*Presence:* [0..1]

*Definition:* Odometer reading value indicating the distance travelled by the vehicle.

*Datatype:* "DecimalNumber" on page 2422

#### 23.1.7.9.8 Hubometer <Hbmtr>

*Presence:* [0..1]

*Definition:* Hubometer reading value indicating the distance travelled by the trailer.

*Datatype:* "DecimalNumber" on page 2422

#### 23.1.7.9.9 TrailerHours <TrlrHrs>

*Presence:* [0..1]

*Definition:* Number of hours the trailer has been in operation.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.9.10 ReferHours <RefrHrs>

*Presence:* [0..1]

*Definition:* Number of hours the refer unit has been in operation.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.9.11 Maintenanceldentification <Mntncld>

*Presence:* [0..1]

*Definition:* Identification assigned to the vehicle related to maintenance.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.9.12 DriverOrVehicleCard <DrvrOrVhclCard>

*Presence:* [0..1]

*Definition:* Second card presented for the payment transaction.

**DriverOrVehicleCard <DrvrOrVhclCard>** contains the following **PlainCardData17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		2311
	Track1 <Trck1>	[0..1]	Text		2312
	Track2 <Trck2>	[0..1]	Text		2312
	Track3 <Trck3>	[0..1]	Text		2312
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2312
	EntryMode <NtryMd>	[0..1]	CodeSet		2312

##### 23.1.7.9.12.1 PAN <PAN>

*Presence:* [0..1]

*Definition:* Primary Account Number (PAN) of the card.

*Datatype:* "Min8Max28NumericText" on page 2429

### 23.1.7.9.12.2 Track1 <Trck1>

*Presence:* [0..1]

*Definition:* ISO track 1 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The format is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max76Text" on page 2428

### 23.1.7.9.12.3 Track2 <Trck2>

*Presence:* [0..1]

*Definition:* ISO track 2 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max37Text" on page 2426

### 23.1.7.9.12.4 Track3 <Trck3>

*Presence:* [0..1]

*Definition:* ISO track 3 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 4909, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max104Text" on page 2424

### 23.1.7.9.12.5 AdditionalCardData <AddtlCardData>

*Presence:* [0..\*]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max35Text" on page 2426

### 23.1.7.9.12.6 EntryMode <NtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the card.

*Datatype:* "CardDataReading5Code" on page 2392

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV

CodeName	Name	Definition
		(standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.

### 23.1.7.9.13 AdditionalVehicleData <AddtlVhclData>

*Presence:* [0..\*]

*Definition:* Additional information related to the vehicle.

**AdditionalVehicleData <AddtlVhclData>** contains the following **Vehicle2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2313
	EntryMode <NtryMd>	[0..1]	CodeSet		2313
	Data <Data>	[1..1]	Text		2314

#### 23.1.7.9.13.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of information related to the vehicle.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.9.13.2 EntryMode <NtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the information.

*Datatype:* "CardDataReading5Code" on page 2392

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.

### 23.1.7.9.13.3 Data <Data>

*Presence:* [1..1]

*Definition:* Information related to the vehicle.

*Datatype:* "Max35Text" on page 2426

### 23.1.7.10 KEKIdentifier2

*Definition:* Identification of a key encryption key (KEK), using previously distributed symmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		2314
	KeyVersion <KeyVrsn>	[1..1]	Text		2314
	SequenceNumber <SeqNb>	[0..1]	Quantity		2314
	DerivationIdentification <DerivtnId>	[0..1]	Binary		2314

#### 23.1.7.10.1 KeyIdentification <KeyId>

*Presence:* [1..1]

*Definition:* Identification of the cryptographic key.

*Datatype:* "Max140Text" on page 2424

#### 23.1.7.10.2 KeyVersion <KeyVrsn>

*Presence:* [1..1]

*Definition:* Version of the cryptographic key.

*Datatype:* "Max140Text" on page 2424

#### 23.1.7.10.3 SequenceNumber <SeqNb>

*Presence:* [0..1]

*Definition:* Number of usages of the cryptographic key.

*Datatype:* "Number" on page 2423

#### 23.1.7.10.4 DerivationIdentification <DerivtnId>

*Presence:* [0..1]

*Definition:* Identification used for derivation of a unique key from a master key provided for the data protection.

*Datatype:* "Min5Max16Binary" on page 2377

### 23.1.7.11 EncapsulatedContent3

*Definition:* Data to authenticate.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2315
	Content <Cntt>	[0..1]	Binary		2315

### 23.1.7.11.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data which have been authenticated.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 23.1.7.11.2 Content <Cntt>

*Presence:* [0..1]

*Definition:* Actual data to authenticate.

*Datatype:* "Max100KBinary" on page 2376

### 23.1.7.12 TransactionIdentifier1

*Definition:* Identification of the transaction in an unambiguous way.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2315
	TransactionReference <TxRef>	[1..1]	Text		2315

### 23.1.7.12.1 TransactionDateTime <TxDtTm>

*Presence:* [1..1]

*Definition:* Local date and time of the transaction assigned by the POI (Point Of Interaction).

*Datatype:* "ISODateTime" on page 2420

### 23.1.7.12.2 TransactionReference <TxRef>

*Presence:* [1..1]

*Definition:* Identification of the transaction that has to be unique for a time period.

*Datatype:* "Max35Text" on page 2426

### 23.1.7.13 CustomerDevice1

*Definition:* Device used by the customer to perform the payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2316
	Type <Tp>	[0..1]	Text		2316
	Provider <Prvdr>	[0..1]	Text		2316

#### 23.1.7.13.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identifier of the component.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.13.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of component.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.13.3 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Provider of the component.

*Datatype:* "Max35Text" on page 2426

### 23.1.7.14 RecurringTransaction2

*Definition:* Financial loan (instalment) or a recurring transaction.



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2317
	PlanIdentification <PlanId>	[0..1]	Text		2317
	SequenceNumber <SeqNb>	[0..1]	Quantity		2317
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2317
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2318
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2318
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2318
	TotalAmount <TtlAmt>	[0..1]	Amount	C8	2318
	FirstAmount <FrstAmt>	[0..1]	Amount		2318
	Charges <Chrgs>	[0..1]	Amount		2319

#### 23.1.7.14.1 InstalmentPlan <InstlmtPlan>

*Presence:* [0..\*]

*Definition:* Type of instalment plan.

*Datatype:* "InstalmentPlan1Code" on page 2402

CodeName	Name	Definition
EQPM	EqualPayment	The payment is split in several instalments of equal amounts.
NQPM	InequalPayment	The payment is split in several instalments of different amounts.
DFRI	DeferredInstalment	The first instalment is deferred.

#### 23.1.7.14.2 PlanIdentification <PlanId>

*Presence:* [0..1]

*Definition:* Identification of the instalment plan.

*Datatype:* "Max35Text" on page 2426

#### 23.1.7.14.3 SequenceNumber <SeqNb>

*Presence:* [0..1]

*Definition:* Indicates the recurring/instalment occurrence of the transaction (1 = 1st instalment, 2 = 2nd instalment, etc.).

*Datatype:* "Number" on page 2423

#### 23.1.7.14.4 PeriodUnit <PrdUnit>

*Presence:* [0..1]

*Definition:* Period unit between consecutive payments (for example day, month, year).

*Datatype:* "Frequency3Code" on page 2401

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
MNTH	Monthly	Event takes place every month or once a month.
QURT	Quarterly	Event takes place every three months or four times a year.
MIAN	SemiAnnual	Event takes place every six months or two times a year.
WEEK	Weekly	Event takes place once a week.
DAIL	Daily	Event takes place every day.
TEND	TenDays	Event takes place every ten business days.

#### 23.1.7.14.5 InstalmentPeriod <InstlmtPrd>

*Presence:* [0..1]

*Definition:* Number of period units between consecutive payments.

*Datatype:* "Number" on page 2423

#### 23.1.7.14.6 TotalNumberOfPayments <TtlNbOfPmts>

*Presence:* [0..1]

*Definition:* Total number of instalment payments.

*Datatype:* "Number" on page 2423

#### 23.1.7.14.7 FirstPaymentDate <FrstPmtDt>

*Presence:* [0..1]

*Definition:* Date of the first payment.

*Datatype:* "ISODate" on page 2420

#### 23.1.7.14.8 TotalAmount <TtlAmt>

*Presence:* [0..1]

*Definition:* Cumulative amount of all the instalments.

*Impacted by:* C8 "ValidationByTable"

*Datatype:* "CurrencyAndAmount" on page 2375

##### Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

#### 23.1.7.14.9 FirstAmount <FrstAmt>

*Presence:* [0..1]

*Definition:* Amount of the first payment.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

#### 23.1.7.14.10 Charges <Chrgs>

*Presence:* [0..1]

*Definition:* Charges related to the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2375

## 23.1.8 Monitoring

### 23.1.8.1 Traceability8

*Definition:* Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2319
	ProtocolName <PrtcolNm>	[0..1]	Text		2320
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2320
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2320
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2320

#### 23.1.8.1.1 RelayIdentification <RlayId>

*Presence:* [1..1]

*Definition:* Identification of a partner of a message exchange.

**RelayIdentification <RlyId>** contains the following elements (see "GenericIdentification177" on page 2243 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2244
	Type <Tp>	[0..1]	CodeSet		2244
	Issuer <Issr>	[0..1]	CodeSet		2245
	Country <Ctry>	[0..1]	Text		2245
	ShortName <ShrtNm>	[0..1]	Text		2245
	RemoteAccess <RmotAccs>	[0..1]	±		2246
	Geolocation <Glctn>	[0..1]			2246
	GeographicCoordinates <GeogcCordints>	[0..1]			2246
	Latitude <Lat>	[1..1]	Text		2247
	Longitude <Long>	[1..1]	Text		2247
	UTMCoordinates <UTMCordints>	[0..1]			2247
	UTMZone <UTMZone>	[1..1]	Text		2247
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2247
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2248

#### 23.1.8.1.2 ProtocolName <PrtcolNm>

*Presence:* [0..1]

*Definition:* Name of the outgoing protocol used by the node.

*Datatype:* "Max35Text" on page 2426

#### 23.1.8.1.3 ProtocolVersion <PrtcolVrsn>

*Presence:* [0..1]

*Definition:* Version of the protocol.

*Datatype:* "Max6Text" on page 2427

#### 23.1.8.1.4 TraceDateTimeln <TracDtTmln>

*Presence:* [1..1]

*Definition:* Date and time of incoming data exchange for relaying or processing.

*Datatype:* "ISODateTime" on page 2420

#### 23.1.8.1.5 TraceDateTimeOut <TracDtTmOut>

*Presence:* [1..1]

*Definition:* Date and time of the outgoing exchange for relaying or processing.

*Datatype:* "ISODateTime" on page 2420

## 23.1.9 Network Access

### 23.1.9.1 NetworkParameters7

*Definition:* Parameters to communicate with a host.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2321
	NetworkType <NtwkTp>	[1..1]	CodeSet		2321
	AddressValue <AdrVal>	[1..1]	Text		2321
	UserName <UsrNm>	[0..1]	Text		2322
	AccessCode <AccsCd>	[0..1]	Binary		2322
	ServerCertificate <SvrCert>	[0..*]	Binary		2322
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2322
	ClientCertificate <CIntCert>	[0..*]	Binary		2322
	SecurityProfile <SctyPrfl>	[0..1]	Text		2322

#### 23.1.9.1.1 Address <Adr>

*Presence:* [1..\*]

*Definition:* Network addresses of the host.

**Address <Adr>** contains the following **NetworkParameters9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NetworkType <NtwkTp>	[1..1]	CodeSet		2321
	AddressValue <AdrVal>	[1..1]	Text		2321

##### 23.1.9.1.1.1 NetworkType <NtwkTp>

*Presence:* [1..1]

*Definition:* Type of communication network.

*Datatype:* "NetworkType1Code" on page 2406

CodeName	Name	Definition
IPNW	InternetProtocol	Protocol of an IP network.
PSTN	PublicTelephone	Protocol of a Public Switched Telephone Network (PSTN).

##### 23.1.9.1.1.2 AddressValue <AdrVal>

*Presence:* [1..1]

*Definition:* Value of the address. The value of an internet protocol address contains the IP address or the DNS (Domain Name Server) address, followed by the character ':' and the port number if the

default port is not used. The value of a public telephone address contains the phone number with possible prefix and extensions.

*Datatype:* "Max500Text" on page 2427

#### **23.1.9.1.2 UserName <UsrNm>**

*Presence:* [0..1]

*Definition:* User name identifying the client.

*Datatype:* "Max35Text" on page 2426

#### **23.1.9.1.3 AccessCode <AccsCd>**

*Presence:* [0..1]

*Definition:* Password authenticating the client.

*Datatype:* "Max35Binary" on page 2377

#### **23.1.9.1.4 ServerCertificate <SvrCert>**

*Presence:* [0..\*]

*Definition:* X.509 Certificate required to authenticate the server.

*Datatype:* "Max10KBinary" on page 2376

#### **23.1.9.1.5 ServerCertificateIdentifier <SvrCertIdr>**

*Presence:* [0..\*]

*Definition:* Identification of the X.509 Certificates required to authenticate the server, for instance a digest of the certificate.

*Datatype:* "Max140Binary" on page 2376

#### **23.1.9.1.6 ClientCertificate <ClntCert>**

*Presence:* [0..\*]

*Definition:* X.509 Certificate required to authenticate the client.

*Datatype:* "Max10KBinary" on page 2376

#### **23.1.9.1.7 SecurityProfile <SctyPrfl>**

*Presence:* [0..1]

*Definition:* Identification of the set of security elements to access the host.

*Datatype:* "Max35Text" on page 2426

### **23.1.10 Postal Address**

#### **23.1.10.1 PostalAddress1**

*Definition:* Information that locates and identifies a specific address, as defined by postal services.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2323
	AddressLine <AdrLine>	[0..5]	Text		2323
	StreetName <StrtNm>	[0..1]	Text		2323
	BuildingNumber <BldgNb>	[0..1]	Text		2323
	PostCode <PstCd>	[0..1]	Text		2324
	TownName <TwnNm>	[0..1]	Text		2324
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2324
	Country <Ctry>	[1..1]	CodeSet	C1	2324

#### 23.1.10.1.1 AddressType <AdrTp>

*Presence:* [0..1]

*Definition:* Identifies the nature of the postal address.

*Datatype:* "AddressType2Code" on page 2379

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.
PBOX	POBox	Address is a postal office (PO) box.
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

#### 23.1.10.1.2 AddressLine <AdrLine>

*Presence:* [0..5]

*Definition:* Information that locates and identifies a specific address, as defined by postal services, that is presented in free format text.

*Datatype:* "Max70Text" on page 2427

#### 23.1.10.1.3 StreetName <StrtNm>

*Presence:* [0..1]

*Definition:* Name of a street or thoroughfare.

*Datatype:* "Max70Text" on page 2427

#### 23.1.10.1.4 BuildingNumber <BldgNb>

*Presence:* [0..1]

*Definition:* Number that identifies the position of a building on a street.

*Datatype:* "Max16Text" on page 2425

#### **23.1.10.1.5 PostCode <PstCd>**

*Presence:* [0..1]

*Definition:* Identifier consisting of a group of letters and/or numbers that is added to a postal address to assist the sorting of mail.

*Datatype:* "Max16Text" on page 2425

#### **23.1.10.1.6 TownName <TwnNm>**

*Presence:* [0..1]

*Definition:* Name of a built-up area, with defined boundaries, and a local government.

*Datatype:* "Max35Text" on page 2426

#### **23.1.10.1.7 CountrySubDivision <CtrySubDvsn>**

*Presence:* [0..1]

*Definition:* Identifies a subdivision of a country for example, state, region, county.

*Datatype:* "Max35Text" on page 2426

#### **23.1.10.1.8 Country <Ctry>**

*Presence:* [1..1]

*Definition:* Nation with its own government.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### **Constraints**

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

#### **23.1.10.2 PostalAddress22**

*Definition:* Information that locates and identifies a specific address, as defined by postal services.



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2325
	Department <Dept>	[0..1]	Text		2325
	SubDepartment <SubDept>	[0..1]	Text		2325
	AddressLine <AdrLine>	[0..2]	Text		2325
	StreetName <StrtNm>	[0..1]	Text		2326
	BuildingNumber <BldgNb>	[0..1]	Text		2326
	PostCode <PstCd>	[0..1]	Text		2326
	TownName <TwnNm>	[0..1]	Text		2326
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2326
	CountryCode <CtryCd>	[0..1]	Text		2326

#### 23.1.10.2.1 AddressType <AdrTp>

*Presence:* [0..1]

*Definition:* Identifies the nature of the postal address.

*Datatype:* "AddressType2Code" on page 2379

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.
PBOX	POBox	Address is a postal office (PO) box.
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

#### 23.1.10.2.2 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of a division of a large organisation or building.

*Datatype:* "Max70Text" on page 2427

#### 23.1.10.2.3 SubDepartment <SubDept>

*Presence:* [0..1]

*Definition:* Identification of a sub-division of a large organisation or building.

*Datatype:* "Max70Text" on page 2427

#### 23.1.10.2.4 AddressLine <AdrLine>

*Presence:* [0..2]

*Definition:* Information that locates and identifies a specific address, as defined by postal services, presented in free format text.

*Datatype:* "Max70Text" on page 2427

#### **23.1.10.2.5 StreetName <StrtNm>**

*Presence:* [0..1]

*Definition:* Name of a street or thoroughfare.

*Datatype:* "Max70Text" on page 2427

#### **23.1.10.2.6 BuildingNumber <BldgNb>**

*Presence:* [0..1]

*Definition:* Number that identifies the position of a building on a street.

*Datatype:* "Max16Text" on page 2425

#### **23.1.10.2.7 PostCode <PstCd>**

*Presence:* [0..1]

*Definition:* Identifier consisting of a group of letters and/or numbers that is added to a postal address to assist the sorting of mail.

*Datatype:* "Max16Text" on page 2425

#### **23.1.10.2.8 TownName <TwnNm>**

*Presence:* [0..1]

*Definition:* Name of a built-up area, with defined boundaries, and a local government.

*Datatype:* "Max70Text" on page 2427

#### **23.1.10.2.9 CountrySubDivision <CtrySubDvsn>**

*Presence:* [0..2]

*Definition:* Identifies a subdivision of a country such as state, region, county.

*Datatype:* "Max35Text" on page 2426

#### **23.1.10.2.10 CountryCode <CtryCd>**

*Presence:* [0..1]

*Definition:* Nation with its own government.

*Datatype:* "Min2Max3AlphaText" on page 2428

### **23.1.11 Secure Element**

#### **23.1.11.1 DigestedData5**

*Definition:* Digest computed on the identified data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2327
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2327
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2327
	Digest <Dgst>	[1..1]	Binary		2327

#### 23.1.11.1.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2423

#### 23.1.11.1.2 DigestAlgorithm <DgstAlgo>

*Presence:* [1..1]

*Definition:* Identification of the digest algorithm.

**DigestAlgorithm <DgstAlgo>** contains the following elements (see "AlgorithmIdentification21" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2356

#### 23.1.11.1.3 EncapsulatedContent <NcpsltdCntt>

*Presence:* [1..1]

*Definition:* Data on which the digest is computed.

**EncapsulatedContent <NcpsltdCntt>** contains the following elements (see "EncapsulatedContent3" on page 2314 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2315
	Content <Cntt>	[0..1]	Binary		2315

#### 23.1.11.1.4 Digest <Dgst>

*Presence:* [1..1]

*Definition:* Result of data-digesting process.

*Datatype:* "Max140Binary" on page 2376

### 23.1.11.2 CryptographicKey14

*Definition:* Cryptographic Key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2328
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2328
	Name <Nm>	[0..1]	Text		2328
	SecurityProfile <SctyPrfl>	[0..1]	Text		2329
	ItemNumber <ItmNb>	[0..1]	Text		2329
	Version <Vrsn>	[1..1]	Text		2329
	Type <Tp>	[0..1]	CodeSet		2329
	Function <Fctn>	[0..*]	CodeSet		2330
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2330
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2330
	KeyValue <KeyVal>	[0..1]	±		2331
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2331
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2331
	Name <Nm>	[1..1]	Text		2331
	Value <Val>	[0..1]	Text		2331

#### 23.1.11.2.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Name of the cryptographic key.

*Datatype:* "Max140Text" on page 2424

#### 23.1.11.2.2 AdditionalIdentification <AddtlId>

*Presence:* [0..1]

*Definition:* Additional identification of the key.

Usage

For derived unique key per transaction (DUKPT) keys, the key serial number (KSN) with the 21 bits of the transaction counter set to zero.

*Datatype:* "Max35Binary" on page 2377

#### 23.1.11.2.3 Name <Nm>

*Presence:* [0..1]

*Definition:* Name of the Cryptographic Element.

*Datatype:* "Max140Text" on page 2424

#### 23.1.11.2.4 SecurityProfile <SctyPrfl>

*Presence:* [0..1]

*Definition:* Identification of the set of security elements to which this element belongs.

*Datatype:* "Max35Text" on page 2426

#### 23.1.11.2.5 ItemNumber <itmNb>

*Presence:* [0..1]

*Definition:* Hierarchical identification of a key inside all the key system. It is composed of all item numbers of the upper level components, separated by the '.' character, ended by the item number of the current component.

*Datatype:* "Max35Text" on page 2426

#### 23.1.11.2.6 Version <Vrsn>

*Presence:* [1..1]

*Definition:* Version of the cryptographic key.

*Datatype:* "Max256Text" on page 2425

#### 23.1.11.2.7 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of algorithm used by the cryptographic key.

*Datatype:* "CryptographicKeyType3Code" on page 2398

CodeName	Name	Definition
AES2	AES128	AES (Advanced Encryption Standard) 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE3	DES112	Data encryption standard key of 112 bits (without the parity bits).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) key, as specified in ANSI X9.24-2009 Annex A.
AES9	AES192	AES (Advanced Encryption Standard) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
AES5	AES256	AES (Advanced Encryption Standard) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE4	DES168	Data encryption standard key of 168 bits (without the parity bits).

### 23.1.11.2.8 Function <Fctn>

*Presence:* [0..\*]

*Definition:* Allowed usage of the key.

*Datatype:* "KeyUsage1Code" on page 2403

CodeName	Name	Definition
ENCR	Encryption	Key may encrypt.
DCPT	Decryption	Key may decrypt.
DENC	DataEncryption	Key may encrypt data.
DDEC	DataDecryption	Key may decrypt data.
TRNI	TranslateInput	Key may encrypt information before translation.
TRNX	TranslateOutput	Key may encrypt information after translation.
MACG	MessageAuthenticationCodeGeneration	Key may generate message authentication codes (MAC).
MACV	MessageAuthenticationCodeVerification	Key may verify message authentication codes (MAC).
SIGG	SignatureGeneration	Key may generate digital signatures.
SUGV	SignatureVerification	Key may verify digital signatures.
PINE	PINEncryption	Key may encrypt personal identification numbers (PIN).
PIND	PINDecryption	Key may decrypt personal identification numbers (PIN).
PINV	PINVerification	Key may verify personal identification numbers (PIN).
KEYG	KeyGeneration	Key may generate keys.
KEYI	KeyImport	Key may import keys.
KEYX	KeyExport	Key may export keys.
KEYD	KeyDerivation	Key may derive keys.

### 23.1.11.2.9 ActivationDate <Actvtndt>

*Presence:* [0..1]

*Definition:* Date and time on which the key must be activated.

*Datatype:* "ISODateTime" on page 2420

### 23.1.11.2.10 DeactivationDate <Deactvtndt>

*Presence:* [0..1]

*Definition:* Date and time on which the key must be deactivated.

*Datatype:* "ISODateTime" on page 2420

### 23.1.11.2.11 KeyValue <KeyVal>

*Presence:* [0..1]

*Definition:* Encrypted cryptographic key.

**KeyValue <KeyVal>** contains the following elements (see "[ContentInformationType23](#)" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

### 23.1.11.2.12 KeyCheckValue <KeyChckVal>

*Presence:* [0..1]

*Definition:* Value for checking a cryptographic key security parameter.

*Datatype:* "[Max35Binary](#)" on page 2377

### 23.1.11.2.13 AdditionalManagementInformation <AddtlMgmtInf>

*Presence:* [0..\*]

*Definition:* Additional Information needed by the receiver to securely process the management of the security element.

**AdditionalManagementInformation <AddtlMgmtInf>** contains the following **GenericInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2331
	Value <Val>	[0..1]	Text		2331

#### 23.1.11.2.13.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name of the generic information to exchange.

*Datatype:* "[Max70Text](#)" on page 2427

#### 23.1.11.2.13.2 Value <Val>

*Presence:* [0..1]

*Definition:* Value of the generic information to exchange.

*Datatype:* "[Max140Text](#)" on page 2424

### 23.1.11.3 ContentInformationType23

*Definition:* General cryptographic message syntax (CMS) containing protected data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2332
	EnvelopedData <EnvlpdData>	[0..1]	±		2332
	AuthenticatedData <AuthntcdData>	[0..1]	±		2333
	SignedData <SgndData>	[0..1]	±		2333
	DigestedData <DgstdData>	[0..1]	±		2334

#### 23.1.11.3.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 23.1.11.3.2 EnvelopedData <EnvlpdData>

*Presence:* [0..1]

*Definition:* Data protection by encryption, with a session key.



**EnvelopedData <EnvlpdData>** contains the following elements (see "EnvelopedData7" on page 2335 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2335
	OriginatorInformation <OrgtrlInf>	[0..1]			2335
	Certificate <Cert>	[0..*]	Binary		2335
	Recipient <Rcpt>	[1..*]	±		2335
	EncryptedContent <NcrptdCntt>	[0..1]			2336
	ContentType <CnttTp>	[1..1]	CodeSet		2336
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		2337
	EncryptedData <NcrptdData>	[1..1]	Binary		2337

### 23.1.11.3.3 AuthenticatedData <AuthntcdData>

*Presence:* [0..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "AuthenticatedData6" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

### 23.1.11.3.4 SignedData <SgndData>

*Presence:* [0..1]

*Definition:* Data protected by a digital signatures.

**SignedData <SgndData>** contains the following elements (see "SignedData5" on page 2365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2365
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2366
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2366
	Certificate <Cert>	[0..*]	Binary		2366
	Signer <Sgnr>	[0..*]			2366
	Version <Vrsn>	[0..1]	Quantity		2367
	SignerIdentification <SgnrId>	[0..1]			2367
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2368
	Issuer <Issr>	[1..1]			2368
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2368
	AttributeType <AttrTp>	[1..1]	CodeSet		2369
	AttributeValue <AttrVal>	[1..1]	Text		2369
	SerialNumber <SrlNb>	[1..1]	Binary		2369
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2369
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2370
	SignedAttributes <SgndAttrbts>	[0..*]			2370
	Name <Nm>	[1..1]	Text		2370
	Value <Val>	[0..1]	Text		2370
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2370
	Signature <Sgntr>	[1..1]	Binary		2371

### 23.1.11.3.5 DigestedData <DgstdData>

*Presence:* [0..1]

*Definition:* Data protected by a digest.

**DigestedData <DgstdData>** contains the following elements (see "DigestedData5" on page 2326 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2327
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2327
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2327
	Digest <Dgst>	[1..1]	Binary		2327

### 23.1.11.4 EnvelopedData7

*Definition:* Encrypted data with encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2335
	OriginatorInformation <OrgtrInf>	[0..1]			2335
	Certificate <Cert>	[0..*]	Binary		2335
	Recipient <Rcpt>	[1..*]	±		2335
	EncryptedContent <NcrptdCntt>	[0..1]			2336
	ContentType <CnttTp>	[1..1]	CodeSet		2336
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		2337
	EncryptedData <NcrptdData>	[1..1]	Binary		2337

#### 23.1.11.4.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2423

#### 23.1.11.4.2 OriginatorInformation <OrgtrInf>

*Presence:* [0..1]

*Definition:* Provides certificates of the originator.

**OriginatorInformation <OrgtrInf>** contains the following **OriginatorInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Certificate <Cert>	[0..*]	Binary		2335

#### 23.1.11.4.2.1 Certificate <Cert>

*Presence:* [0..\*]

*Definition:* It may contain originator certificates associated with several different key management algorithms.

*Datatype:* "Max5000Binary" on page 2377

#### 23.1.11.4.3 Recipient <Rcpt>

*Presence:* [1..\*]

*Definition:* Session key or identification of the protection key used by the recipient.

**Recipient <Rcpt>** contains one of the following elements (see "Recipient8Choice" on page 2337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2338
	Version <Vrsn>	[0..1]	Quantity		2339
	RecipientIdentification <RcptId>	[1..1]			2339
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2339
	Issuer <Issr>	[1..1]			2340
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2340
	AttributeType <AttrTp>	[1..1]	CodeSet		2340
	AttributeValue <AttrVal>	[1..1]	Text		2341
	SerialNumber <SrlNb>	[1..1]	Binary		2341
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		2341
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2341
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2342
Or	KEK <KEK>	[1..1]			2342
	Version <Vrsn>	[0..1]	Quantity		2342
	KEKIdentification <KEKId>	[1..1]	±		2342
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2343
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2343
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		2343

#### 23.1.11.4.4 EncryptedContent <NcrptdCntt>

*Presence:* [0..1]

*Definition:* Data protection by encryption (digital envelope), with an encryption key.

**EncryptedContent <NcrptdCntt>** contains the following **EncryptedContent6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2336
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		2337
	EncryptedData <NcrptdData>	[1..1]	Binary		2337

##### 23.1.11.4.4.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data which have been encrypted.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 23.1.11.4.4.2 ContentEncryptionAlgorithm <CnttNcrptnAlgo>

*Presence:* [0..1]

*Definition:* Algorithm used to encrypt the data.

**ContentEncryptionAlgorithm <CnttNcrptnAlgo>** contains the following elements (see "AlgorithmIdentification29" on page 2347 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2347
	Parameter <Param>	[0..1]			2349
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2350
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2350
	BytePadding <BPddg>	[0..1]	CodeSet		2350

#### 23.1.11.4.4.3 EncryptedData <NcrptdData>

*Presence:* [1..1]

*Definition:* Encrypted data, result of the content encryption.

*Datatype:* "Max100KBinary" on page 2376

#### 23.1.11.5 Recipient8Choice

*Definition:* Transport key or key encryption key (KEK) for the recipient.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2338
	Version <Vrsn>	[0..1]	Quantity		2339
	RecipientIdentification <RcptId>	[1..1]			2339
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2339
	Issuer <Issr>	[1..1]			2340
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2340
	AttributeType <AttrTp>	[1..1]	CodeSet		2340
	AttributeValue <AttrVal>	[1..1]	Text		2341
	SerialNumber <SrlNb>	[1..1]	Binary		2341
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		2341
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2341
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2342
Or	KEK <KEK>	[1..1]			2342
	Version <Vrsn>	[0..1]	Quantity		2342
	KEKIdentification <KEKId>	[1..1]	±		2342
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2343
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2343
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		2343

### 23.1.11.5.1 KeyTransport <KeyTrnsprt>

*Presence:* [1..1]

*Definition:* Encryption key using previously distributed asymmetric public key.

**KeyTransport <KeyTrnsprt>** contains the following **KeyTransport5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2339
	RecipientIdentification <Rcptld>	[1..1]			2339
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2339
	Issuer <Issr>	[1..1]			2340
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2340
	AttributeType <AttrTp>	[1..1]	CodeSet		2340
	AttributeValue <AttrVal>	[1..1]	Text		2341
	SerialNumber <SrlNb>	[1..1]	Binary		2341
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2341
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2341
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2342

#### 23.1.11.5.1.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2423

#### 23.1.11.5.1.2 RecipientIdentification <Rcptld>

*Presence:* [1..1]

*Definition:* Identification of a cryptographic asymmetric key for the recipient.

**RecipientIdentification <Rcptld>** contains one of the following **Recipient5Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2339
	Issuer <Issr>	[1..1]			2340
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2340
	AttributeType <AttrTp>	[1..1]	CodeSet		2340
	AttributeValue <AttrVal>	[1..1]	Text		2341
	SerialNumber <SrlNb>	[1..1]	Binary		2341
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2341

#### 23.1.11.5.1.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

*Presence:* [1..1]

*Definition:* Certificate issuer name and serial number (see ITU X.509).

**IssuerAndSerialNumber <IssrAndSrInb>** contains the following **IssuerAndSerialNumber1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			2340
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2340
	AttributeType <AttrTp>	[1..1]	CodeSet		2340
	AttributeValue <AttrVal>	[1..1]	Text		2341
	SerialNumber <SrInb>	[1..1]	Binary		2341

#### 23.1.11.5.1.2.1.1 Issuer <Issr>

*Presence:* [1..1]

*Definition:* Certificate issuer name (see X.509).

**Issuer <Issr>** contains the following **CertificateIssuer1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2340
	AttributeType <AttrTp>	[1..1]	CodeSet		2340
	AttributeValue <AttrVal>	[1..1]	Text		2341

#### 23.1.11.5.1.2.1.1.1 RelativeDistinguishedName <RltvDstngshdNm>

*Presence:* [1..\*]

*Definition:* Relative distinguished name inside a X.509 certificate.

**RelativeDistinguishedName <RltvDstngshdNm>** contains the following **RelativeDistinguishedName1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttributeType <AttrTp>	[1..1]	CodeSet		2340
	AttributeValue <AttrVal>	[1..1]	Text		2341

#### 23.1.11.5.1.2.1.1.1.1 AttributeType <AttrTp>

*Presence:* [1..1]

*Definition:* Type of attribute of a distinguished name (see X.500).

*Datatype:* "AttributeType1Code" on page 2387

CodeName	Name	Definition
CNAT	CommonName	Common name of the attribute (ASN.1 Object Identifier: id-at-commonName).
LATT	Locality	Locality of the attribute (ASN.1 Object Identifier: id-at-localityName).



CodeName	Name	Definition
OATT	OrganisationName	Organization name of the attribute (ASN.1 Object Identifier: id-at-organizationName).
OUAT	OrganisationUnitName	Organization unit name of the attribute (ASN.1 Object Identifier: id-at-organizationalUnitName).
CATT	CountryName	Country name of the attribute (ASN.1 Object Identifier: id-at-countryName).

#### 23.1.11.5.1.2.1.1.2 AttributeValue <AttrVal>

*Presence:* [1..1]

*Definition:* Value of the attribute of a distinguished name (see X.500).

*Datatype:* "Max140Text" on page 2424

#### 23.1.11.5.1.2.1.2 SerialNumber <SrINb>

*Presence:* [1..1]

*Definition:* Certificate serial number (see X.509).

*Datatype:* "Max35Binary" on page 2377

#### 23.1.11.5.1.2.2 KeyIdentifier <Keyldr>

*Presence:* [1..1]

*Definition:* Identifier of a cryptographic asymmetric key, previously exchanged between initiator and recipient.

**KeyIdentifier <Keyldr>** contains the following elements (see "KEKIdentifier2" on page 2314 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <Keyld>	[1..1]	Text		2314
	KeyVersion <KeyVrsn>	[1..1]	Text		2314
	SequenceNumber <SeqNb>	[0..1]	Quantity		2314
	DerivationIdentification <DerivtnId>	[0..1]	Binary		2314

#### 23.1.11.5.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

*Presence:* [1..1]

*Definition:* Algorithm to encrypt the key encryption key (KEK).

**KeyEncryptionAlgorithm <KeyNcrptnAlgo>** contains the following elements (see "AlgorithmIdentification19" on page 2361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2361
	Parameter <Param>	[0..1]			2362
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2362
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2362
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2363

#### 23.1.11.5.1.4 EncryptedKey <NcrptdKey>

*Presence:* [1..1]

*Definition:* Encrypted key encryption key (KEK).

*Datatype:* "Max5000Binary" on page 2377

#### 23.1.11.5.2 KEK <KEK>

*Presence:* [1..1]

*Definition:* Key encryption key using previously distributed symmetric key.

**KEK <KEK>** contains the following **KEK7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2342
	KEKIdentification <KEKId>	[1..1]	±		2342
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2343
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2343

##### 23.1.11.5.2.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2423

##### 23.1.11.5.2.2 KEKIdentification <KEKId>

*Presence:* [1..1]

*Definition:* Identification of the key encryption key (KEK).

**KEKIdentification <KEKId>** contains the following elements (see "[KEKIdentifier2](#)" on page 2314 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		2314
	KeyVersion <KeyVrsn>	[1..1]	Text		2314
	SequenceNumber <SeqNb>	[0..1]	Quantity		2314
	DerivationIdentification <DerivtnId>	[0..1]	Binary		2314

#### 23.1.11.5.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

*Presence:* [1..1]

*Definition:* Algorithm to encrypt the key encryption key (KEK).

**KeyEncryptionAlgorithm <KeyNcrptnAlgo>** contains the following elements (see "[AlgorithmIdentification29](#)" on page 2347 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2347
	Parameter <Param>	[0..1]			2349
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2350
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2350
	BytePadding <BPddg>	[0..1]	CodeSet		2350

#### 23.1.11.5.2.4 EncryptedKey <NcrptdKey>

*Presence:* [1..1]

*Definition:* Encrypted key encryption key (KEK).

*Datatype:* "[Max500Binary](#)" on page 2377

#### 23.1.11.5.3 KeyIdentifier <KeyIdr>

*Presence:* [1..1]

*Definition:* Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.

**KeyIdentifier <KeyIdr>** contains the following elements (see "[KEKIdentifier2](#)" on page 2314 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		2314
	KeyVersion <KeyVrsn>	[1..1]	Text		2314
	SequenceNumber <SeqNb>	[0..1]	Quantity		2314
	DerivationIdentification <DerivtnId>	[0..1]	Binary		2314

### 23.1.11.6 AuthenticatedData6

*Definition:* Message authentication code (MAC), computed on the data to protect with an encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

#### 23.1.11.6.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2423

#### 23.1.11.6.2 Recipient <Rcpt>

*Presence:* [1..\*]

*Definition:* Session key or protection key identification used by the recipient.

**Recipient <Rcpt>** contains one of the following elements (see "[Recipient8Choice](#)" on page 2337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2338
	Version <Vrsn>	[0..1]	Quantity		2339
	RecipientIdentification <RcptId>	[1..1]			2339
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2339
	Issuer <Issr>	[1..1]			2340
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2340
	AttributeType <AttrTp>	[1..1]	CodeSet		2340
	AttributeValue <AttrVal>	[1..1]	Text		2341
	SerialNumber <SrlNb>	[1..1]	Binary		2341
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		2341
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2341
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2342
Or	KEK <KEK>	[1..1]			2342
	Version <Vrsn>	[0..1]	Quantity		2342
	KEKIdentification <KEKId>	[1..1]	±		2342
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2343
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2343
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		2343

### 23.1.11.6.3 MACAlgorithm <MACAlgo>

*Presence:* [1..1]

*Definition:* Algorithm to compute message authentication code (MAC).

**MACAlgorithm <MACAlgo>** contains the following elements (see "[AlgorithmIdentification22](#)" on page 2352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2353
	Parameter <Param>	[0..1]			2355
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2355
	BytePadding <BPddg>	[0..1]	CodeSet		2355

#### 23.1.11.6.4 EncapsulatedContent <NcpsltdCntt>

*Presence:* [1..1]

*Definition:* Data to authenticate.

**EncapsulatedContent <NcpsltdCntt>** contains the following elements (see "[EncapsulatedContent3](#)" on page 2314 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2315
	Content <Cntt>	[0..1]	Binary		2315

#### 23.1.11.6.5 MAC <MAC>

*Presence:* [1..1]

*Definition:* Message authentication code value.

*Datatype:* "[Max140Binary](#)" on page 2376

#### 23.1.11.7 ContentInformationType22

*Definition:* General cryptographic message syntax (CMS) containing encrypted data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2346
	EnvelopedData <EnvlpdData>	[1..1]	±		2347

##### 23.1.11.7.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "[ContentType2Code](#)" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 23.1.11.7.2 EnvelopedData <EnvlpdData>

*Presence:* [1..1]

*Definition:* Data protection by encryption or by a digital envelope, with an encryption key.

**EnvelopedData <EnvlpdData>** contains the following elements (see "EnvelopedData7" on page 2335 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2335
	OriginatorInformation <OrgtrInf>	[0..1]			2335
	Certificate <Cert>	[0..*]	Binary		2335
	Recipient <Rcpt>	[1..*]	±		2335
	EncryptedContent <NcrptdCntt>	[0..1]			2336
	ContentType <CnttTp>	[1..1]	CodeSet		2336
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		2337
	EncryptedData <NcrptdData>	[1..1]	Binary		2337

### 23.1.11.8 AlgorithmIdentification29

*Definition:* Cryptographic algorithm and parameters for the protection of the transported key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2347
	Parameter <Param>	[0..1]			2349
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2350
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2350
	BytePadding <BPddg>	[0..1]	CodeSet		2350

#### 23.1.11.8.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Identification of the algorithm.

*Datatype:* "Algorithm24Code" on page 2384

CodeName	Name	Definition
EA2C	AES128CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DC	DES112CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption

CodeName	Name	Definition
		with double length key (112 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) algorithm, as specified in ANSI X9.24-2009 Annex A.
UKPT	UKPT	UKPT (Unique Key Per Transaction) or Master Session Key key encryption - (ASN.1 Object Identifier: id-ukpt-wrap).
UKA2	UKPTwithAES192	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA5C	AES256CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing



CodeName	Name	Definition
		Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DR	DES112CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with double length key (112 Bit) as defined in FIPS SP 800-38a.
E36C	DES168CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with triple length key (168 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
E36R	DES168CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with triple length key (168 Bit) as defined in FIPS SP 800-38a.
SD5C	SDE056CBC	The DEPRECATED Simple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with simple length key (56 Bit) as defined in FIPS PUB 81 - (ASN.1 Object Identifier: des-cbc).
UKA1	UKPTwithAES128	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
UKA3	UKPTwithAES256	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).

### 23.1.11.8.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters associated to the encryption algorithm.

**Parameter <Param>** contains the following **Parameter12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2350
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2350
	BytePadding <BPddg>	[0..1]	CodeSet		2350

#### 23.1.11.8.2.1 EncryptionFormat <NcrptnFrmt>

*Presence:* [0..1]

*Definition:* Format of data before encryption, if the format is not plaintext or implicit.

*Datatype:* "EncryptionFormat2Code" on page 2400

CodeName	Name	Definition
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
I238	ISO20038KeyWrap	Format of a cryptographic key specified by the ISO20038 standard.

#### 23.1.11.8.2.2 InitialisationVector <InitlstnVctr>

*Presence:* [0..1]

*Definition:* Initialisation vector of a cipher block chaining (CBC) mode encryption.

*Datatype:* "Max500Binary" on page 2377

#### 23.1.11.8.2.3 BytePadding <BPddg>

*Presence:* [0..1]

*Definition:* Byte padding for a cypher block chaining mode encryption, if the padding is not implicit.

*Datatype:* "BytePadding1Code" on page 2391

CodeName	Name	Definition
LNGT	LengthPadding	Message to encrypt is completed by a byte value containing the total number of added bytes.
NUL8	Null80Padding	Message to encrypt is completed by one bit of value 1, followed by null bits until the encryption block length is reached.
NULG	NullLengthPadding	Message to encrypt is completed by null byte values, the last byte containing the total number of added bytes.
NULL	NullPadding	Message to encrypt is completed by null bytes.
RAND	RandomPadding	Message to encrypt is completed by random value, the last byte containing the total number of added bytes.

### 23.1.11.9 ContentInformationType21

*Definition:* General cryptographic message syntax (CMS) containing data. protected by a MAC or a digital signature.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2351
	AuthenticatedData <AuthntcdData>	[0..1]	±		2351
	SignedData <SgndData>	[0..1]	±		2352

#### 23.1.11.9.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2397

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 23.1.11.9.2 AuthenticatedData <AuthntcdData>

*Presence:* [0..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData6](#)" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2344
	Recipient <Rcpt>	[1..*]	±		2344
	MACAlgorithm <MACAlgo>	[1..1]	±		2345
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2346
	MAC <MAC>	[1..1]	Binary		2346

### 23.1.11.9.3 SignedData <SgndData>

*Presence:* [0..1]

*Definition:* Data protected by a digital signatures.

**SignedData <SgndData>** contains the following elements (see "[SignedData5](#)" on page 2365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2365
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2366
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2366
	Certificate <Cert>	[0..*]	Binary		2366
	Signer <Sgnr>	[0..*]			2366
	Version <Vrsn>	[0..1]	Quantity		2367
	SignerIdentification <SgnrId>	[0..1]			2367
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2368
	Issuer <Issr>	[1..1]			2368
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2368
	AttributeType <AttrTp>	[1..1]	CodeSet		2369
	AttributeValue <AttrVal>	[1..1]	Text		2369
	SerialNumber <SrlNb>	[1..1]	Binary		2369
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2369
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2370
	SignedAttributes <SgndAttrbts>	[0..*]			2370
	Name <Nm>	[1..1]	Text		2370
	Value <Val>	[0..1]	Text		2370
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2370
	Signature <Sgntr>	[1..1]	Binary		2371

### 23.1.11.10 AlgorithmIdentification22

*Definition:* Identification of a cryptographic algorithm and parameters for the MAC computation.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2353
	Parameter <Param>	[0..1]			2355
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		2355
	BytePadding <BPddg>	[0..1]	CodeSet		2355

### 23.1.11.10.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Identification of the MAC algorithm.

*Datatype:* "Algorithm17Code" on page 2381

CodeName	Name	Definition
MACC	RetailCBCMAC	Retail CBC (Chaining Block Cypher) MAC (Message Authentication Code) (cf. ISO 9807, ANSI X9.19) - (ASN.1 Object Identifier: id-retail-cbc-mac).
MCCS	RetailSHA256MAC	Retail-CBC-MAC with SHA-256 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-256).
CMA1	SHA256CMACwithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
MCC1	RetailSHA1MAC	The DEPRECATED Retail-CBC-MAC with SHA-1 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-1).
CMA9	SHA384CMACwithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-384 digest of the message.
CMA5	SHA512CMACwithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits

CodeName	Name	Definition
		cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-512 digest of the message.
CMA2	SHA256CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
CM31	SHA3-256CMACWithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-256 digest of the message.
CM32	SHA3-384CMACWithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-512 digest of the message.
MCS3	SHA3-256-3DESMAC	3DES CBC-MAC with SHA3-256 (SecureHash standard) and ISO/IEC9797-1 method 2 padding.
CCA1	CMACAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and

CodeName	Name	Definition
		Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA2	CMACAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA3	CMACAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).

#### 23.1.11.10.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters associated to the MAC algorithm.

**Parameter <Param>** contains the following **Parameter7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InitialisationVector <InitIstnVctr>	[0..1]	Binary		2355
	BytePadding <BPddg>	[0..1]	CodeSet		2355

##### 23.1.11.10.2.1 InitialisationVector <InitIstnVctr>

*Presence:* [0..1]

*Definition:* Initialisation vector of a cipher block chaining (CBC) mode encryption.

*Datatype:* "Max500Binary" on page 2377

##### 23.1.11.10.2.2 BytePadding <BPddg>

*Presence:* [0..1]

*Definition:* Byte padding for a cypher block chaining mode encryption, if the padding is not implicit.

*Datatype:* "BytePadding1Code" on page 2391

CodeName	Name	Definition
LNGT	LengthPadding	Message to encrypt is completed by a byte value containing the total number of added bytes.
NUL8	Null80Padding	Message to encrypt is completed by one bit of value 1, followed by null bits until the encryption block length is reached.
NULG	NullLengthPadding	Message to encrypt is completed by null byte values, the last byte containing the total number of added bytes.
NULL	NullPadding	Message to encrypt is completed by null bytes.
RAND	RandomPadding	Message to encrypt is completed by random value, the last byte containing the total number of added bytes.

### 23.1.11.11 AlgorithmIdentification21

*Definition:* Cryptographic algorithm and parameters of digests.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2356

#### 23.1.11.11.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Identification of the digest algorithm.

*Datatype:* "Algorithm16Code" on page 2380

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).



CodeName	Name	Definition
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

### 23.1.11.12 AlgorithmIdentification20

*Definition:* Identification of a cryptographic algorithm and parameters for digital signatures.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2357
	Parameter <Param>	[0..1]			2358
	DigestAlgorithm <DgstAlgo>	[1..1]	CodeSet		2359
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[1..1]			2360
	Algorithm <Algo>	[1..1]	CodeSet		2360
	Parameter <Param>	[0..1]			2360
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2360
	SaltLength <SaltLngth>	[1..1]	Quantity		2361
	TrailerField <TrlrFld>	[0..1]	Quantity		2361

#### 23.1.11.12.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Identification of the algorithm.

*Datatype:* "Algorithm19Code" on page 2383

CodeName	Name	Definition
ERS2	SHA256WithRSA	Signature algorithms with RSA, using SHA-256 digest algorithm - (ASN.1 Object Identifier: sha256WithRSAEncryption).
ERS1	SHA1WithRSA	The DEPRECATED Signature algorithms with RSA (PKCS #1 version 2.1), using SHA-1 digest algorithm - (ASN.1 Object Identifier: sha1WithRSAEncryption).
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS

CodeName	Name	Definition
		#1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
ECC5	EllipticCryptographicCurveFifthAlgorithhm	Fifth Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC1	EllipticCryptographicCurveFirstAlgorithm	First Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC4	EllipticCryptographicCurveFourthAlgorithm	Fourth Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC2	EllipticCryptographicCurveSecondAlgorithm	Second Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC3	EllipticCryptographicCurveThirdAlgorithm	Third Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ECP2	SignatureWithEllipticCurveP-256	Elliptic Curve Signature with the Curve P-256 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).
ECP3	SignatureWithEllipticCurveP-384	Elliptic Curve Signature with the Curve P-384 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).
ECP5	SignatureWithEllipticCurveP-512	Elliptic Curve Signature with the Curve P-512 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).

### 23.1.11.12.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters of the RSASSA-PSS digital signature algorithm (RSA signature algorithm with appendix: Probabilistic Signature Scheme).

**Parameter <Param>** contains the following **Parameter11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[1..1]	CodeSet		2359
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[1..1]			2360
	Algorithm <Algo>	[1..1]	CodeSet		2360
	Parameter <Param>	[0..1]			2360
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2360
	SaltLength <SaltLngth>	[1..1]	Quantity		2361
	TrailerField <TrlrFld>	[0..1]	Quantity		2361

### 23.1.11.12.2.1 DigestAlgorithm <DgstAlgo>

*Presence:* [1..1]

*Definition:* Identification of the digest algorithm.

*Datatype:* "Algorithm16Code" on page 2380

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).

CodeName	Name	Definition
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

### 23.1.11.12.2.2 MaskGeneratorAlgorithm <MskGnrtrAlgo>

*Presence:* [1..1]

*Definition:* Mask generator function cryptographic algorithm and parameters.

**MaskGeneratorAlgorithm <MskGnrtrAlgo>** contains the following **AlgorithmIdentification12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2360
	Parameter <Param>	[0..1]			2360
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2360

#### 23.1.11.12.2.2.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Mask generator function cryptographic algorithm.

*Datatype:* "Algorithm8Code" on page 2386

CodeName	Name	Definition
MGF1	MGF1	Generator Function, used for RSA encryption and RSA digital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

#### 23.1.11.12.2.2.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters associated to the mask generator function cryptographic algorithm.

**Parameter <Param>** contains the following **Parameter5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2360

#### 23.1.11.12.2.2.2.1 DigestAlgorithm <DgstAlgo>

*Presence:* [0..1]

*Definition:* Digest algorithm used in the mask generator function.

*Datatype:* "Algorithm11Code" on page 2380

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).

CodeName	Name	Definition
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).

#### 23.1.11.12.2.3 SaltLength <SaltLngth>

*Presence:* [1..1]

*Definition:* Length of the salt to include in the signature.

*Datatype:* "Number" on page 2423

#### 23.1.11.12.2.4 TrailerField <TrlrFld>

*Presence:* [0..1]

*Definition:* Trailer field number.

*Datatype:* "Number" on page 2423

### 23.1.11.13 AlgorithmIdentification19

*Definition:* Cryptographic algorithms and parameters for the protection of transported keys by an asymmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2361
	Parameter <Param>	[0..1]			2362
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2362
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2362
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2363

#### 23.1.11.13.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Asymmetric encryption algorithm of a transport key.

*Datatype:* "Algorithm7Code" on page 2386

CodeName	Name	Definition
ERSA	RSASignature	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).

CodeName	Name	Definition
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

### 23.1.11.13.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters of the encryption algorithm.

**Parameter <Param>** contains the following **Parameter10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		2362
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2362
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2363

#### 23.1.11.13.2.1 EncryptionFormat <NcrptnFmt>

*Presence:* [0..1]

*Definition:* Format of data before encryption, if the format is not plaintext or implicit.

*Datatype:* "EncryptionFormat2Code" on page 2400

CodeName	Name	Definition
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
I238	ISO20038KeyWrap	Format of a cryptographic key specified by the ISO20038 standard.

#### 23.1.11.13.2.2 DigestAlgorithm <DgstAlgo>

*Presence:* [0..1]

*Definition:* Identification of the digest algorithm.

*Datatype:* "Algorithm16Code" on page 2380

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS

CodeName	Name	Definition
		180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

### 23.1.11.13.2.3 MaskGeneratorAlgorithm <MskGnrtrAlgo>

*Presence:* [0..1]

*Definition:* Mask generator function cryptographic algorithm and parameters.

**MaskGeneratorAlgorithm <MskGnrtrAlgo>** contains the following elements (see "AlgorithmIdentification18" on page 2363 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2363
	Parameter <Param>	[0..1]			2364
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2364

### 23.1.11.14 AlgorithmIdentification18

*Definition:* Mask generator function cryptographic algorithm and parameters.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2363
	Parameter <Param>	[0..1]			2364
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2364

#### 23.1.11.14.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Mask generator function cryptographic algorithm.

*Datatype:* "Algorithm8Code" on page 2386

CodeName	Name	Definition
MGF1	MGF1	Generator Function, used for RSA encryption and RSA digital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

#### 23.1.11.14.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters associated to the mask generator function cryptographic algorithm.

**Parameter <Param>** contains the following **Parameter9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2364

##### 23.1.11.14.2.1 DigestAlgorithm <DgstAlgo>

*Presence:* [0..1]

*Definition:* Digest algorithm used in the mask generator function.

*Datatype:* "Algorithm16Code" on page 2380

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).



CodeName	Name	Definition
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

### 23.1.11.15 SignedData5

*Definition:* Digital signatures of data from one or several signers.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2365
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2366
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2366
	Certificate <Cert>	[0..*]	Binary		2366
	Signer <Sgnr>	[0..*]			2366
	Version <Vrsn>	[0..1]	Quantity		2367
	SignerIdentification <SgnrId>	[0..1]			2367
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2368
	Issuer <Issr>	[1..1]			2368
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2368
	AttributeType <AttrTp>	[1..1]	CodeSet		2369
	AttributeValue <AttrVal>	[1..1]	Text		2369
	SerialNumber <SrlNb>	[1..1]	Binary		2369
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2369
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2370
	SignedAttributes <SgndAttrbts>	[0..*]			2370
	Name <Nm>	[1..1]	Text		2370
	Value <Val>	[0..1]	Text		2370
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2370
	Signature <Sgntr>	[1..1]	Binary		2371

#### 23.1.11.15.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2423

### 23.1.11.15.2 DigestAlgorithm <DgstAlgo>

*Presence:* [0..\*]

*Definition:* Identification of digest algorithm applied before signature.

**DigestAlgorithm <DgstAlgo>** contains the following elements (see "[AlgorithmIdentification21](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2356

### 23.1.11.15.3 EncapsulatedContent <NcpsltdCntt>

*Presence:* [0..1]

*Definition:* Data to sign.

**EncapsulatedContent <NcpsltdCntt>** contains the following elements (see "[EncapsulatedContent3](#)" on page 2314 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2315
	Content <Cntt>	[0..1]	Binary		2315

### 23.1.11.15.4 Certificate <Cert>

*Presence:* [0..\*]

*Definition:* Chain of X.509 certificates.

*Datatype:* "[Max5000Binary](#)" on page 2377

### 23.1.11.15.5 Signer <Sgnr>

*Presence:* [0..\*]

*Definition:* Digital signature and identification of a signer.

**Signer <Sgnr>** contains the following **Signer4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2367
	SignerIdentification <SgnrId>	[0..1]			2367
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2368
	Issuer <Issr>	[1..1]			2368
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2368
	AttributeType <AttrTp>	[1..1]	CodeSet		2369
	AttributeValue <AttrVal>	[1..1]	Text		2369
	SerialNumber <SrlNb>	[1..1]	Binary		2369
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2369
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2370
	SignedAttributes <SgndAttrbts>	[0..*]			2370
	Name <Nm>	[1..1]	Text		2370
	Value <Val>	[0..1]	Text		2370
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2370
	Signature <Sgntr>	[1..1]	Binary		2371

#### 23.1.11.15.5.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the Cryptographic Message Syntax (CMS) data structure.

*Datatype:* "Number" on page 2423

#### 23.1.11.15.5.2 SignerIdentification <SgnrId>

*Presence:* [0..1]

*Definition:* Identification of the entity who has signed the data.

**SignerIdentification <SgnrId>** contains one of the following **Recipient5Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2368
	Issuer <Issr>	[1..1]			2368
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2368
	AttributeType <AttrTp>	[1..1]	CodeSet		2369
	AttributeValue <AttrVal>	[1..1]	Text		2369
	SerialNumber <SrlNb>	[1..1]	Binary		2369
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2369

#### 23.1.11.15.5.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

*Presence:* [1..1]

*Definition:* Certificate issuer name and serial number (see ITU X.509).

**IssuerAndSerialNumber <IssrAndSrlNb>** contains the following **IssuerAndSerialNumber1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			2368
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2368
	AttributeType <AttrTp>	[1..1]	CodeSet		2369
	AttributeValue <AttrVal>	[1..1]	Text		2369
	SerialNumber <SrlNb>	[1..1]	Binary		2369

##### 23.1.11.15.5.2.1.1 Issuer <Issr>

*Presence:* [1..1]

*Definition:* Certificate issuer name (see X.509).

**Issuer <Issr>** contains the following **CertificateIssuer1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2368
	AttributeType <AttrTp>	[1..1]	CodeSet		2369
	AttributeValue <AttrVal>	[1..1]	Text		2369

##### 23.1.11.15.5.2.1.1.1 RelativeDistinguishedName <RltvDstngshdNm>

*Presence:* [1..\*]

*Definition:* Relative distinguished name inside a X.509 certificate.

**RelativeDistinguishedName <RltvDstngshdNm>** contains the following  
**RelativeDistinguishedName1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttributeType <AttrTp>	[1..1]	CodeSet		2369
	AttributeValue <AttrVal>	[1..1]	Text		2369

#### 23.1.11.15.5.2.1.1.1.1 AttributeType <AttrTp>

*Presence:* [1..1]

*Definition:* Type of attribute of a distinguished name (see X.500).

*Datatype:* "AttributeType1Code" on page 2387

CodeName	Name	Definition
CNAT	CommonName	Common name of the attribute (ASN.1 Object Identifier: id-at-commonName).
LATT	Locality	Locality of the attribute (ASN.1 Object Identifier: id-at-localityName).
OATT	OrganisationName	Organization name of the attribute (ASN.1 Object Identifier: id-at-organizationName).
OUAT	OrganisationUnitName	Organization unit name of the attribute (ASN.1 Object Identifier: id-at-organizationalUnitName).
CATT	CountryName	Country name of the attribute (ASN.1 Object Identifier: id-at-countryName).

#### 23.1.11.15.5.2.1.1.1.2 AttributeValue <AttrVal>

*Presence:* [1..1]

*Definition:* Value of the attribute of a distinguished name (see X.500).

*Datatype:* "Max140Text" on page 2424

#### 23.1.11.15.5.2.1.2 SerialNumber <SrINb>

*Presence:* [1..1]

*Definition:* Certificate serial number (see X.509).

*Datatype:* "Max35Binary" on page 2377

#### 23.1.11.15.5.2.2 KeyIdentifier <Keyldr>

*Presence:* [1..1]

*Definition:* Identifier of a cryptographic asymmetric key, previously exchanged between initiator and recipient.

**KeyIdentifier <KeyIdr>** contains the following elements (see "[KEKIdentifier2](#)" on page 2314 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		2314
	KeyVersion <KeyVrsn>	[1..1]	Text		2314
	SequenceNumber <SeqNb>	[0..1]	Quantity		2314
	DerivationIdentification <DerivtnId>	[0..1]	Binary		2314

#### 23.1.11.15.5.3 DigestAlgorithm <DgstAlgo>

*Presence:* [1..1]

*Definition:* Identification of a digest algorithm to apply before signature.

**DigestAlgorithm <DgstAlgo>** contains the following elements (see "[AlgorithmIdentification21](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2356

#### 23.1.11.15.5.4 SignedAttributes <SgndAttrbts>

*Presence:* [0..\*]

*Definition:* Collection of attributes that are signed.

**SignedAttributes <SgndAttrbts>** contains the following **GenericInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2370
	Value <Val>	[0..1]	Text		2370

##### 23.1.11.15.5.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name of the generic information to exchange.

*Datatype:* "[Max70Text](#)" on page 2427

##### 23.1.11.15.5.4.2 Value <Val>

*Presence:* [0..1]

*Definition:* Value of the generic information to exchange.

*Datatype:* "[Max140Text](#)" on page 2424

#### 23.1.11.15.5.5 SignatureAlgorithm <SgntrAlgo>

*Presence:* [1..1]

*Definition:* Cryptographic digital signature algorithm.

**SignatureAlgorithm <SgntrAlgo>** contains the following elements (see "[AlgorithmIdentification20](#)" on page 2357 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2357
	Parameter <Param>	[0..1]			2358
	DigestAlgorithm <DgstAlgo>	[1..1]	CodeSet		2359
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[1..1]			2360
	Algorithm <Algo>	[1..1]	CodeSet		2360
	Parameter <Param>	[0..1]			2360
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2360
	SaltLength <SaltLngth>	[1..1]	Quantity		2361
	TrailerField <TrlrFld>	[0..1]	Quantity		2361

#### 23.1.11.15.5.6 Signature <Sgntr>

*Presence:* [1..1]

*Definition:* Digital signature.

*Datatype:* "[Max3000Binary](#)" on page 2377

## 23.1.12 Structured Postal Address

### 23.1.12.1 PostalAddress2

*Definition:* Address of a party expressed in a formal structure, usually according to the country's postal services specifications.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StreetName <StrtNm>	[0..1]	Text		2371
	PostCodeIdentification <PstCdId>	[1..1]	Text		2371
	TownName <TwnNm>	[1..1]	Text		2372
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2372
	Country <Ctry>	[1..1]	CodeSet	C1	2372

#### 23.1.12.1.1 StreetName <StrtNm>

*Presence:* [0..1]

*Definition:* Name of a street or thoroughfare.

*Datatype:* "[Max70Text](#)" on page 2427

#### 23.1.12.1.2 PostCodeIdentification <PstCdId>

*Presence:* [1..1]

*Definition:* Identifier consisting of a group of letters and/or numbers that is added to a postal address to assist the sorting of mail.

*Datatype:* "Max16Text" on page 2425

#### **23.1.12.1.3 TownName <TwnNm>**

*Presence:* [1..1]

*Definition:* Name of a built-up area, with defined boundaries, and a local government.

*Datatype:* "Max35Text" on page 2426

#### **23.1.12.1.4 CountrySubDivision <CtrySubDvsn>**

*Presence:* [0..1]

*Definition:* Identifies a subdivision of a country for example, state, region, county.

*Datatype:* "Max35Text" on page 2426

#### **23.1.12.1.5 Country <Ctry>**

*Presence:* [1..1]

*Definition:* Nation with its own government.

*Impacted by:* C1 "Country"

*Datatype:* "CountryCode" on page 2397

##### **Constraints**

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### **23.1.13 Token**

#### **23.1.13.1 CardPaymentToken5**

*Definition:* Payment token information.



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2373
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2373
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2373
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2373
	TokenRequestor <TknRqstr>	[0..1]			2373
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2374
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2374
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2374
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		2374

#### 23.1.13.1.1 Token <Tkn>

*Presence:* [0..1]

*Definition:* Surrogate value of the PAN.

*Datatype:* "Min8Max28NumericText" on page 2429

#### 23.1.13.1.2 CardSequenceNumber <CardSeqNb>

*Presence:* [0..1]

*Definition:* Identify a payment token inside a set of cards with the same PAN.

*Datatype:* "Min2Max3NumericText" on page 2428

#### 23.1.13.1.3 TokenExpiryDate <TknXpryDt>

*Presence:* [0..1]

*Definition:* Expiration date of the payment token that is generated by and maintained in the token vault.

*Datatype:* "Max10Text" on page 2424

#### 23.1.13.1.4 TokenCharacteristic <TknChrtc>

*Presence:* [0..\*]

*Definition:* Additional payment token information.

*Datatype:* "Max35Text" on page 2426

#### 23.1.13.1.5 TokenRequestor <TknRqstr>

*Presence:* [0..1]

*Definition:* Identifier of a token provider requestor.

**TokenRequestor <TknRqstr>** contains the following **PaymentTokenIdentifiers1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProviderIdentification <PrvdrId>	[1..1]	Text		2374
	RequestorIdentification <RqstrId>	[1..1]	Text		2374

#### 23.1.13.1.5.1 ProviderIdentification <PrvdrId>

*Presence:* [1..1]

*Definition:* Identifier of the token provider.

*Datatype:* "Max35Text" on page 2426

#### 23.1.13.1.5.2 RequestorIdentification <RqstrId>

*Presence:* [1..1]

*Definition:* Identifier of the token requestor.

*Datatype:* "Max35Text" on page 2426

#### 23.1.13.1.6 TokenAssuranceLevel <TknAssrncLvl>

*Presence:* [0..1]

*Definition:* Level of confidence resulting of the identification and authentication of the cardholder performed and the entity that performed it.

*Datatype:* "Number" on page 2423

#### 23.1.13.1.7 TokenAssuranceData <TknAssrncData>

*Presence:* [0..1]

*Definition:* Information about the identification and verification of the cardholder.

*Datatype:* "Max500Binary" on page 2377

#### 23.1.13.1.8 TokenAssuranceMethod <TknAssrncMtd>

*Presence:* [0..1]

*Definition:* Value that allows a Token Service Provider to indicate the identification and verification performed representing the binding of the payment token to the underlying PAN and cardholder.

*Datatype:* "Max2NumericText" on page 2425

#### 23.1.13.1.9 TokenInitiatedIndicator <TknInittldInd>

*Presence:* [0..1]

*Definition:* Original transaction was initiated by Token.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2422):

- *Meaning When True:* True
- *Meaning When False:* False

## 23.2 Message Datatypes

### 23.2.1 Amount

#### 23.2.1.1 CurrencyAndAmount

*Definition:* Number of monetary units specified in a currency, where the unit of currency is explicit and compliant with ISO 4217. The decimal separator is a dot.

Note: A zero amount is considered a positive amount.

*Type:* Amount

This data type contains the following XML attribute:

Name	Attribute XML Name	Datatype
Currency	Ccy	"CurrencyCode" on page 2398

#### Format

minInclusive	0
totalDigits	18
fractionDigits	5

#### Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

#### 23.2.1.2 ImpliedCurrencyAndAmount

*Definition:* Number of monetary units specified in a currency where the unit of currency is implied by the context and compliant with ISO 4217. The decimal separator is a dot.

Note: a zero amount is considered a positive amount.

*Type:* Amount

#### Format

minInclusive	0
totalDigits	18
fractionDigits	5

### 23.2.2 Binary

#### 23.2.2.1 Max10000Binary

*Definition:* Specifies a binary string with a maximum length of 10000 binary bytes.

*Type:* Binary

**Format**

minLength	1
maxLength	10000

**23.2.2.2 Max100KBinary**

*Definition:* Binary data of 100K maximum.

*Type:* Binary

**Format**

minLength	1
maxLength	102400

**23.2.2.3 Max10KBinary**

*Definition:* Binary data of 10K maximum.

*Type:* Binary

**Format**

minLength	1
maxLength	10240

**23.2.2.4 Max140Binary**

*Definition:* Specifies a binary string with a maximum length of 140 binary bytes.

*Type:* Binary

**Format**

minLength	1
maxLength	140

**23.2.2.5 Max2KBinary**

*Definition:* Binary data of 2K maximum.

*Type:* Binary

**Format**

minLength	1
maxLength	2048

**23.2.2.6 Max2MBBinary**

*Definition:* Binary data of 2MB maximum.

*Type:* Binary

**Format**

minLength	1
maxLength	2097152

**23.2.2.7 Max3000Binary**

*Definition:* Specifies a binary string with a maximum length of 3000 binary bytes.

*Type:* Binary

**Format**

minLength	1
maxLength	3000

**23.2.2.8 Max35Binary**

*Definition:* Specifies a binary string with a maximum length of 35 binary bytes.

*Type:* Binary

**Format**

minLength	1
maxLength	35

**23.2.2.9 Max5000Binary**

*Definition:* Specifies a binary string with a maximum length of 5000 binary bytes.

*Type:* Binary

**Format**

minLength	1
maxLength	5000

**23.2.2.10 Max500Binary**

*Definition:* Specifies a binary string with a maximum length of 500 binary bytes.

*Type:* Binary

**Format**

minLength	1
maxLength	500

**23.2.2.11 Min5Max16Binary**

*Definition:* Specifies a binary string with a minimum length of 5 bytes, and a maximum length of 16 bytes.

*Type:* Binary

## Format

minLength	5
maxLength	16

## 23.2.3 CodeSet

### 23.2.3.1 AccountChoiceMethod1Code

*Definition:* Method used by the cardholder and the terminal for the choice of the account.

*Type:* CodeSet

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.
TPSL	TypeSelected	Type of account selected in a list.

### 23.2.3.2 ActionType9Code

*Definition:* Type of action to be performed by the point of interaction (POI).

*Type:* CodeSet

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.

CodeName	Name	Definition
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.

### 23.2.3.3 ActiveCurrencyCode

*Definition:* A code allocated to a currency by a Maintenance Agency under an international identification scheme as described in the latest edition of the international standard ISO 4217 "Codes for the representation of currencies and funds".

*Type:* CodeSet

#### Format

pattern [A-Z]{3,3}

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

### 23.2.3.4 AddressType2Code

*Definition:* Specifies the type of address.

*Type:* CodeSet

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.
PBOX	POBox	Address is a postal office (PO) box.
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

### 23.2.3.5 Algorithm11Code

*Definition:* Identification of a digest algorithm.

*Type:* CodeSet

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).

### 23.2.3.6 Algorithm16Code

*Definition:* Identification of a digest algorithm.

*Type:* CodeSet

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).



CodeName	Name	Definition
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

### 23.2.3.7 Algorithm17Code

*Definition:* Cryptographic algorithms for the MAC (Message Authentication Code).

*Type:* CodeSet

CodeName	Name	Definition
MACC	RetailCBCMAC	Retail CBC (Chaining Block Cypher) MAC (Message Authentication Code) (cf. ISO 9807, ANSI X9.19) - (ASN.1 Object Identifier: id-retail-cbc-mac).
MCCS	RetailSHA256MAC	Retail-CBC-MAC with SHA-256 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-256).
CMA1	SHA256CMACwithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
MCC1	RetailSHA1MAC	The DEPRECATED Retail-CBC-MAC with SHA-1 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-1).
CMA9	SHA384CMACwithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-384 digest of the message.
CMA5	SHA512CMACwithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6,

CodeName	Name	Definition
		2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-512 digest of the message.
CMA2	SHA256CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
CM31	SHA3-256CMACWithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-256 digest of the message.
CM32	SHA3-384CMACWithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-512 digest of the message.
MCS3	SHA3-256-3DESMAC	3DES CBC-MAC with SHA3-256 (SecureHash standard) and ISO/IEC9797-1 method 2 padding.
CCA1	CMACAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits

CodeName	Name	Definition
		cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA2	CMACAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA3	CMACAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).

### 23.2.3.8 Algorithm19Code

*Definition:* Cryptographic algorithms for digital signatures.

*Type:* CodeSet

CodeName	Name	Definition
ERS2	SHA256WithRSA	Signature algorithms with RSA, using SHA-256 digest algorithm - (ASN.1 Object Identifier: sha256WithRSAEncryption).
ERS1	SHA1WithRSA	The DEPRECATED Signature algorithms with RSA (PKCS #1 version 2.1), using SHA-1 digest algorithm - (ASN.1 Object Identifier: sha1WithRSAEncryption).
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS #1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
ECC5	EllipticCryptographicCurveFifthAlgoritihm	Fifth Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC1	EllipticCryptographicCurveFirstAlgorithm	First Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC4	EllipticCryptographicCurveFourthAlgorithm	Fourth Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC2	EllipticCryptographicCurveSecondAlgorithm	Second Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC3	EllipticCryptographicCurveThirdAlgorithm	Third Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.

CodeName	Name	Definition
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ECP2	SignatureWithEllipticCurveP-256	Elliptic Curve Signature with the Curve P-256 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).
ECP3	SignatureWithEllipticCurveP-384	Elliptic Curve Signature with the Curve P-384 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).
ECP5	SignatureWithEllipticCurveP-512	Elliptic Curve Signature with the Curve P-512 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).

### 23.2.3.9 Algorithm24Code

*Definition:* Cryptographic algorithms for the protection of transported keys.

*Type:* CodeSet

CodeName	Name	Definition
EA2C	AES128CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DC	DES112CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with double length key (112 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) algorithm, as specified in ANSI X9.24-2009 Annex A.
UKPT	UKPT	UKPT (Unique Key Per Transaction) or Master Session Key key encryption - (ASN.1 Object Identifier: id-ukpt-wrap).
UKA2	UKPTwithAES192	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as

CodeName	Name	Definition
		defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA5C	AES256CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DR	DES112CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with double length key (112 Bit) as defined in FIPS SP 800-38a.
E36C	DES168CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with triple length key (168 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
E36R	DES168CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with triple

CodeName	Name	Definition
		length key (168 Bit) as defined in FIPS SP 800-38a.
SD5C	SDE056CBC	The DEPRECATED Simple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with simple length key (56 Bit) as defined in FIPS PUB 81 - (ASN.1 Object Identifier: des-cbc).
UKA1	UKPTwithAES128	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
UKA3	UKPTwithAES256	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).

### 23.2.3.10 Algorithm7Code

*Definition:* Asymmetric encryption algorithm of a transport key.

Type: CodeSet

CodeName	Name	Definition
ERSA	RSAEncryption	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

### 23.2.3.11 Algorithm8Code

**Definition:** Mask generator functions of the RSAES-OAEP encryption algorithm (RSA Encryption Scheme: Optimal Asymmetric Encryption Padding).

Type: CodeSet

CodeName	Name	Definition
MGF1	MGF1	Generator Function, used for RSA encryption and RSA digital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

### 23.2.3.12 AmountUnit1Code

*Definition:* Unit of a amount (for loyalty or account).

Type: CodeSet

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

### 23.2.3.13 AttendanceContext1Code

*Definition:* Human attendance at the POI location during the transaction.

*Type:* CodeSet

CodeName	Name	Definition
ATTD	Attended	Attended payment, with an attendant.
SATT	SemiAttended	Semi-attended, including self checkout. An attendant supervises several payment, and could be called to help the cardholder.
UATT	Unattended	Unattended payment, no attendant present.

### 23.2.3.14 AttendanceContext2Code

*Definition:* Identify the method of delivery or distribution.

*Type:* CodeSet

CodeName	Name	Definition
ATTL	AttendantDelivery	Delivery by an attendant.
CARR	CarrierDelivery	Delivery by a carrier.
CUST	CustomerDelivery	Delivery by the customer.
FULL	FullServe	Full service for fuel distribution.
SELF	SelfServe	Self service for fuel distribution.

### 23.2.3.15 AttributeType1Code

*Definition:* Type of attribute of a distinguished name (DN).

*Type:* CodeSet

CodeName	Name	Definition
CNAT	CommonName	Common name of the attribute (ASN.1 Object Identifier: id-at-commonName).
LATT	Locality	Locality of the attribute (ASN.1 Object Identifier: id-at-localityName).
OATT	OrganisationName	Organization name of the attribute (ASN.1 Object Identifier: id-at-organizationName).
OUAT	OrganisationUnitName	Organization unit name of the attribute (ASN.1 Object Identifier: id-at-organizationalUnitName).

CodeName	Name	Definition
CATT	CountryName	Country name of the attribute (ASN.1 Object Identifier: id-at-countryName).

### 23.2.3.16 AuthenticationEntity2Code

*Definition:* Entity or device that has performed the verification.

*Type:* CodeSet

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

### 23.2.3.17 AuthenticationMethod6Code

*Definition:* Methods used to authenticate a person or a card.

*Type:* CodeSet

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for



CodeName	Name	Definition
		instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

### 23.2.3.18 AuthenticationMethod8Code

*Definition:* Method to authenticate the customer or its card.

*Type:* CodeSet

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

### 23.2.3.19 AuthenticationResult1Code

*Definition:* Specifies the result of authentication done.

*Type:* CodeSet

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

### 23.2.3.20 BarcodeType1Code

*Definition:* Type of BarCode coding.

Type: CodeSet

CodeName	Name	Definition
COQR	BarcodeEncodedAs2DQRCode	Barcode encoded according to the 2Dimensions Quick Response Code Standard.
C128	BarcodeEncodedAsCode128	Barcode encoded according to the Code 128 standard.
C025	BarcodeEncodedAsCode25	Barcode encoded according to the Code 25 standard.
C039	BarcodeEncodedAsCode39	Barcode encoded according to the Code 39 standard.
EA13	BarcodeEncodedAsEA13	Barcode encoded according to the EAN13 standard.
EAN8	BarcodeEncodedAsEAN8	Barcode encoded according to the EAN8 standard.
P417	BarcodeEncodedAsPDF417	Barcode encoded according to the PDF417 standard.
UPCA	BarcodeEncodedAsUPCA	Barcode encoded according to the UPCA standard.

### 23.2.3.21 BytePadding1Code

*Definition:* Byte padding for a cypher block chaining mode encryption, if the padding is not implicit.

Type: CodeSet

CodeName	Name	Definition
LNGT	LengthPadding	Message to encrypt is completed by a byte value containing the total number of added bytes.
NUL8	Null80Padding	Message to encrypt is completed by one bit of value 1, followed by null bits until the encryption block length is reached.
NULG	NullLengthPadding	Message to encrypt is completed by null byte values, the last byte containing the total number of added bytes.
NULL	NullPadding	Message to encrypt is completed by null bytes.
RAND	RandomPadding	Message to encrypt is completed by random value, the last byte containing the total number of added bytes.

### 23.2.3.22 CardAccountType3Code

*Definition:* Type of cardholder account used for the transaction.

Type: CodeSet

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.

CodeName	Name	Definition
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

### 23.2.3.23 CardDataReading5Code

*Definition:* Type of reading of the card data.

*Type:* CodeSet

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV

CodeName	Name	Definition
		(standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.

### 23.2.3.24 CardDataReading8Code

*Definition:* Type of reading of the card data.

*Type:* CodeSet

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

### 23.2.3.25 CardFallback1Code

*Definition:* Information about card entry mode fallback.

*Type:* CodeSet

CodeName	Name	Definition
FFLB	FallbackAfterFailure	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal failed.
SFLB	FallbackAfterSuccess	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal was successful.

CodeName	Name	Definition
NFLB	NoFallback	No card fall-back during the transaction in progress.

### 23.2.3.26 CardholderVerificationCapability4Code

*Definition:* Cardholder verification capabilities by the terminal.

*Type:* CodeSet

CodeName	Name	Definition
APKI	AccountDigitalSignature	Account based digital signature.
CHDT	CardholderData	Cardholder authentication data.
MNSG	ManualSignature	Manual signature verification.
MNVR	ManualVerification	Other manual verification, for example passport or drivers license.
FBIG	OfflineBiographics	Offline biographics.
FBIO	OfflineBiometrics	Offline biometrics.
FDSG	OfflineDigitalSignature	Offline digital signature analysis.
FCPN	OfflinePINClear	Offline PIN in clear (Personal Identification Number).
FEPN	OfflinePINEncrypted	Offline PIN encrypted (Personal Identification Number).
NPIN	OnLinePIN	Online PIN (Personal Identification Number).
PKIS	PKISignature	PKI (Public Key Infrastructure) based digital signature.
SCEC	SecureElectronicCommerce	Three domain secure (three domain secure authentication of the cardholder).
NBIO	OnLineBiometrics	Online biometrics.
NOVF	NoCapabilities	No cardholder verification capability.
OTHR	Other	Other cardholder verification capabilities.

### 23.2.3.27 CardPaymentServiceType12Code

*Definition:* Main service provided during the card payment transaction.

*Type:* CodeSet

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

### 23.2.3.28 CardPaymentServiceType3Code

*Definition:* Additional attributes of the service provided by the card payment transaction.

*Type:* CodeSet

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.

### 23.2.3.29 CardPaymentServiceType5Code

*Definition:* Main service provided during the card payment transaction.

*Type:* CodeSet

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.

CodeName	Name	Definition
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.

### 23.2.3.30 CardPaymentServiceType9Code

*Definition:* Service provided by the card payment transaction, in addition to the main service.

*Type:* CodeSet

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.



CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

### 23.2.3.31 CardProductType1Code

*Definition:* Type of card product.

*Type:* CodeSet

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

### 23.2.3.32 ContentType2Code

*Definition:* Identification of the type of a Cryptographic Message Syntax (CMS) data structure.

*Type:* CodeSet

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

### 23.2.3.33 CountryCode

*Definition:* Code to identify a country, a dependency, or another area of particular geopolitical interest, on the basis of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

*Type:* CodeSet

#### Format

pattern [A-Z]{2,2}

#### Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

### 23.2.3.34 CryptographicKeyType3Code

*Definition:* Codes for qualifying the type of cryptographic keys.

*Type:* CodeSet

CodeName	Name	Definition
AES2	AES128	AES (Advanced Encryption Standard) 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE3	DES112	Data encryption standard key of 112 bits (without the parity bits).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) key, as specified in ANSI X9.24-2009 Annex A.
AES9	AES192	AES (Advanced Encryption Standard) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
AES5	AES256	AES (Advanced Encryption Standard) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE4	DES168	Data encryption standard key of 168 bits (without the parity bits).

### 23.2.3.35 CurrencyCode

*Definition:* Code allocated to a currency, by a maintenance agency, under an international identification scheme as described in the latest edition of the international standard ISO 4217 "Codes for the representation of currencies and funds". Valid currency codes are registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

*Type:* CodeSet

#### Format

pattern [A-Z]{3,3}

## Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

### 23.2.3.36 CurrencyConversionResponse3Code

*Definition:* Result of a requested currency conversion.

*Type:* CodeSet

CodeName	Name	Definition
ODCC	Allowed	Dynamic currency conversion may be offered to the cardholder.
DCCA	Assumed	Transaction authorised with dynamic currency conversion.
ICRD	InvalidCard	The card is not valid for dynamic currency conversion.
IMER	InvalidMerchant	The card acceptor has not been recognised.
IPRD	InvalidProduct	Dynamic currency conversion service cannot be offered for this card product.
IRAT	NoRate	Exchange rates are not available.
NDCC	NotAvailable	Dynamic currency conversion is not available for other reason.
REST	Restriction	Conversion accepted for the requested amount exclusively.
CATG	Catalogue	Conversion accepted for a range of amounts.

### 23.2.3.37 DataSetCategory8Code

*Definition:* Category of data set to transfer.

*Type:* CodeSet

CodeName	Name	Definition
SWPK	SoftwareModule	Software module.
VDPR	VendorParameters	Point of interaction parameters defined by the manufacturer for instance the PIN verification capabilities.
AQPR	AcquirerParameters	Acquirer specific configuration parameters for the point of interaction (POI) system.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
TXCP	BatchCapture	Batch upload of transaction data (data capture of a group of transactions).
AKCP	CaptureResponse	Batch download response for the batch capture of transactions.

CodeName	Name	Definition
STRP	StatusReport	Report of software configuration and parameter status.
DLGT	DelegationData	Data needed to create a terminal management sub-domain.
MGTP	ManagementPlan	Configuration of management plan in the point of interaction.
RCLE	ReconciliationError	Batch of transaction that have generated an error in the totals of the reconciliation.

### 23.2.3.38 EncryptionFormat2Code

*Definition:* Format of data before encryption, if the format is not plaintext or implicit.

*Type:* CodeSet

CodeName	Name	Definition
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
I238	ISO20038KeyWrap	Format of a cryptographic key specified by the ISO20038 standard.

### 23.2.3.39 Exemption1Code

*Definition:* Strong customer authentication exemption.

*Type:* CodeSet

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

### 23.2.3.40 FailureReason3Code

*Definition:* List of incidents happening at the acceptor during the transaction.

*Type:* CodeSet

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

### 23.2.3.41 Frequency3Code

*Definition:* Specifies the regularity of an event.

*Type:* CodeSet

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
MNTH	Monthly	Event takes place every month or once a month.
QURT	Quarterly	Event takes place every three months or four times a year.
MIAN	SemiAnnual	Event takes place every six months or two times a year.
WEEK	Weekly	Event takes place once a week.

CodeName	Name	Definition
DAIL	Daily	Event takes place every day.
TEND	TenDays	Event takes place every ten business days.

### 23.2.3.42 InformationQualify1Code

*Definition:* Qualification of the information to sent to an output logical device, to display or print to the Cashier or the Customer.

*Type:* CodeSet

CodeName	Name	Definition
CUSA	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.
DISP	Display	Standard display interface.
DOCT	Document	When the POI System wants to print specific document (check, dynamic currency conversion ...). Used by the Sale System when the printer is not located on the Sale System.
ERRO	Error	The information is related to an error situation occurring on the message sender.
INPT	Input	Answer to a question or information to be entered by the Cashier or the Customer, at the request of the POI Terminal or the Sale Terminal.
POIR	POIReplication	Information displayed on the Cardholder POI interface, replicated on the Cashier interface.
RCPT	Receipt	Where you print the Payment receipt that could be located on the Sale System or in some cases a restricted Sale ticket on the POI Terminal.
SOND	Sound	Standard sound interface.
STAT	Status	The information is a new state on which the message sender is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.
VCHR	Voucher	Coupons, voucher or special ticket generated by the POI or the Sale System and to be printed.

### 23.2.3.43 InstalmentPlan1Code

*Definition:* Type of instalment plan.

*Type:* CodeSet

CodeName	Name	Definition
EQPM	EqualPayment	The payment is split in several instalments of equal amounts.
NQPM	InequalPayment	The payment is split in several instalments of different amounts.
DFRI	DeferredInstalment	The first instalment is deferred.

#### 23.2.3.44 ISO3NumericCountryCode

*Definition:* Code to identify a country, a dependency, or another area of particular geopolitical interest, on the basis of country names obtained from the United Nations (ISO 3166, Numeric-3 code). The code is checked against the list of country names coded with three digit characters, defined in the standard.

*Type:* CodeSet

##### Format

pattern [0-9]{3,3}

#### 23.2.3.45 KeyUsage1Code

*Definition:* Allowed usages of the key.

*Type:* CodeSet

CodeName	Name	Definition
ENCR	Encryption	Key may encrypt.
DCPT	Decryption	Key may decrypt.
DENC	DataEncryption	Key may encrypt data.
DDEC	DataDecryption	Key may decrypt data.
TRNI	TranslateInput	Key may encrypt information before translation.
TRNX	TranslateOutput	Key may encrypt information after translation.
MACG	MessageAuthenticationCodeGeneration	Key may generate message authentication codes (MAC).
MACV	MessageAuthenticationCodeVerification	Key may verify message authentication codes (MAC).
SIGG	SignatureGeneration	Key may generate digital signatures.
SUGV	SignatureVerification	Key may verify digital signatures.
PINE	PINEncryption	Key may encrypt personal identification numbers (PIN).
PIND	PINDecryption	Key may decrypt personal identification numbers (PIN).
PINV	PINVerification	Key may verify personal identification numbers (PIN).
KEYG	KeyGeneration	Key may generate keys.
KEYI	KeyImport	Key may import keys.

CodeName	Name	Definition
KEYX	KeyExport	Key may export keys.
KEYD	KeyDerivation	Key may derive keys.

### 23.2.3.46 LanguageCode

*Definition:* Specifies a language.

*Type:* CodeSet

#### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

### 23.2.3.47 LocationCategory1Code

*Definition:* Location category code of the place where the merchant actually performed the transaction.

*Type:* CodeSet

CodeName	Name	Definition
FIXD	Fixed	Fixed location, for example in a shop.
ABRD	Aboard	Aboard a bus, train, ship, airplane, taxi, etc.
NMDC	Nomadic	Nomadic location.
MOTO	MailOrderTelephoneOrder	Mail order or telephone order.
HOME	Home	Customer home.

### 23.2.3.48 LocationCategory3Code

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Type:* CodeSet

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.
VNDG	VendingMachine	Terminal integrated in a vending machine.



### 23.2.3.49 MemoryUnit1Code

*Definition:* Unit of the memory size.

*Type:* CodeSet

CodeName	Name	Definition
BYTE	Byte	Byte.
EXAB	ExaByte	Exa byte.
GIGA	GigaByte	Giga byte.
KILO	KiloByte	Kilo byte.
MEGA	MegaByte	Mega byte.
PETA	PetaByte	Peta byte.
TERA	TeraByte	Tera byte.

### 23.2.3.50 MessageFunction41Code

*Definition:* Type of message supporting a service.

*Type:* CodeSet

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.

CodeName	Name	Definition
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.

### 23.2.3.51 MessageFunction9Code

*Definition:* Identifies the message function within a card payment exchange.

*Type:* CodeSet

CodeName	Name	Definition
RJCQ	AcceptorRequestReject	Reject of a request or an advice message by an acquirer or an agent.
RJCP	AcceptorResponseReject	Reject of a response or an advice response message by a card acceptor or an agent.

### 23.2.3.52 NetworkType1Code

*Definition:* Type of communication network.

*Type:* CodeSet

CodeName	Name	Definition
IPNW	InternetProtocol	Protocol of an IP network.
PSTN	PublicTelephone	Protocol of a Public Switched Telephone Network (PSTN).

### 23.2.3.53 OnLineCapability1Code

*Definition:* On-line and off-line capabilities of the POI (Point Of Interaction).

*Type:* CodeSet

CodeName	Name	Definition
OFLN	OffLine	Off-line only capable.
ONLN	OnLine	On-line only capable.
SMON	SemiOffLine	Off-line capable with possible on-line requests to the acquirer.

### 23.2.3.54 OnLineReason1Code

*Definition:* Reason to process an online authorisation.

*Type:* CodeSet

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.

### 23.2.3.55 OutputFormat1Code

*Definition:* Message format.

*Type:* CodeSet

CodeName	Name	Definition
MREF	MessageReference	Predefined configured messages, identified by a reference.
TEXT	SimpleText	Text without format attributes.

CodeName	Name	Definition
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

### 23.2.3.56 OutputFormat3Code

*Definition:* Type of output format.

*Type:* CodeSet

CodeName	Name	Definition
BARC	Barcode	Barcode to output in several possible format.
MENT	MenuEntry	A text to display as a menu before requesting an input.
MREF	MessageReference	Predefined configured messages, identified by a reference.
SREF	ScreenReference	Screen to display identified by a reference.
TEXT	SimpleText	Text without format attributes.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

### 23.2.3.57 PartyType14Code

*Definition:* Identification of the type of entity involved in a transaction.

*Type:* CodeSet

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
ICCA	CardApplication	Application in the smart card.

### 23.2.3.58 PartyType33Code

*Definition:* Identification of the type of entity involved in a transaction.

*Type:* CodeSet

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

### 23.2.3.59 PartyType3Code

*Definition:* Identification of the type of entity involved in a transaction.

*Type:* CodeSet

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.

### 23.2.3.60 PartyType4Code

*Definition:* Entity assigning an identification (for example merchant, acceptor, acquirer, tax authority, etc.).

*Type:* CodeSet

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
TAXH	TaxAuthority	Tax authority.

### 23.2.3.61 PartyType7Code

*Definition:* Party that communicate with a POI component (Point of Interaction), using a communication device.

*Type:* CodeSet

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
PCPT	POIComponent	Party component of a POI system or POI terminal (Point of Interaction).
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.
SALE	SaleSystem	Party selling goods and services.

### 23.2.3.62 PINFormat3Code

*Definition:* PIN (Personal Identification Number) format used before encryption.

*Type:* CodeSet

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.

CodeName	Name	Definition
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

### 23.2.3.63 POICommunicationType2Code

*Definition:* Low level communication of the hardware or software component toward another component or an external entity.

*Type:* CodeSet

CodeName	Name	Definition
BLTH	Bluetooth	Communication with a host using Bluetooth.
ETHR	Ethernet	Ethernet port to communicate.
GPRS	GPRS	Communication with a host using GPRS.
GSMF	GSM	Communication with a host using GSM.
PSTN	PSTN	Communication with a host using Public Switching Telephone Network.
RS23	RS232	Serial port to communicate.
USBD	USBDevice	Communication with a USB stick or any USB device.
USBH	USBHost	Communication with a host from an USB port.
WIFI	Wifi	Wifi communication with another component.
WT2G	WirelessTechnology2G	Includes all communication technologies which can be qualified as being part of the 2G technology (e.g EDGE or PDC).
WT3G	WirelessTechnology3G	Includes all communication technologies which can be qualified as being part of the 3G technology.
WT4G	WirelessTechnology4G	Includes all communication technologies which can be qualified as being part of the 4G technology.
WT5G	WirelessTechnology5G	Includes all communication technologies which can be qualified as being part of the 5G technology.

### 23.2.3.64 POIComponentAssessment1Code

*Definition:* Type of assessment of a POI component (Point of Interaction).

*Type:* CodeSet

CodeName	Name	Definition
APPL	Approval	Approval number delivered by an approval centre.
CERT	Certification	Certification number delivered by a certification body.

CodeName	Name	Definition
EVAL	Evaluation	Evaluation by a lab or a tool.

### 23.2.3.65 POIComponentStatus1Code

*Definition:* Status of a component belonging to a POI Terminal (Point of Interaction).

*Type:* CodeSet

CodeName	Name	Definition
WAIT	WaitingActivation	Component not yet activated.
OUTD	OutOfOrder	Component not working properly.
OPER	InOperation	Component activated and in operation.
DACT	Deactivated	Component has been deactivated.

### 23.2.3.66 POIComponentType6Code

*Definition:* Type of component belonging to a POI (Point of Interaction) Terminal.

*Type:* CodeSet

CodeName	Name	Definition
AQPP	AcquirerProtocolParameters	Parameters for acquirer interface of the point of interaction, including acquirer host configuration parameters.
APPR	ApplicationParameters	Parameters of a payment application running on the point of interaction.
TLPR	TerminalParameters	Manufacturer configuration parameters of the point of interaction.
SCPR	SecurityParameters	Security parameters of the point of interaction.
SERV	Server	Payment server of a point of interaction system.
TERM	Terminal	Payment terminal point of interaction.
DVCE	Device	Device sub-component of a component of the point of interaction.
SECM	SecureModule	Security module.
APLI	PaymentApplication	Payment application software.
EMVK	EMVKernel	EMV application kernel (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
EMVO	EMVLevel1	EMV physical interface (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
MDWR	Middleware	Software module of the point of interaction.
DRVR	Driver	Driver module of the point of interaction.



CodeName	Name	Definition
OPST	OperatingSystem	Software that manages hardware to provide common services to the applications.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
CRTF	CertificateParameters	Certificate provided by a terminal manager.
TMSP	TMSProtocolParameters	Configuration parameters for the TMS protocol.
SACP	SaleComponent	Component of the Sale system.
SAPR	SaleToPOIProtocolParameters	Parameters related to the Sale to POI protocol.
LOGF	LogFile	Any repository used for recording log traces.
MDFL	MediaFile	Media file managed by an application of the POI.
SOFT	Soft	Payment or other software application.
CONF	ConfigurationFile	Configuration file relevant for the POI.
RPFL	ReportFile	Report file generated by the POI.

### 23.2.3.67 QRCodeEncodingMode1Code

*Definition:* Encoding Mode of Quick Response Code.

*Type:* CodeSet

CodeName	Name	Definition
ALFA	Alphanumeric	Alphanumeric value provided in Barcode field.
BINA	Binary	Binary value provided in Quick Response Code Binary Value.
KANJ	Kanji	Kanji value provided in Quick Response Code Binary Value.
NUME	Numeric	Numeric value provided in Barcode field.

### 23.2.3.68 QRCodeErrorCorrection1Code

*Definition:* Error Correction mode of Quick Response Code.

*Type:* CodeSet

CodeName	Name	Definition
M015	ErrorCorrection15Percent	Reed-Solomon error correction 15%
Q025	ErrorCorrection25Percent	Reed-Solomon error correction 25%
H030	ErrorCorrection30Percent	Reed-Solomon error correction 30%
L007	ErrorCorrection7Percent	Reed-Solomon error correction 7%

### 23.2.3.69 RejectReason1Code

*Definition:* Reason of transmission of a rejection message in response to a request or an advice.

*Type:* CodeSet

CodeName	Name	Definition
UNPR	UnableToProcess	Not possible to process the message, for instance the security module is unavailable, the hardware is unavailable, or there is a problem of resource.
IMSG	InvalidMessage	Invalid envelope of the message.
PARS	ParsingError	Invalid message: At least one of the data element or data structure is not present, the format, or the content of one data element or one data structure is not correct.
SECU	Security	Security error (for example an invalid key or an incorrect MAC value).
INTP	InitiatingParty	Invalid identification data for the sender.
RCPD	RecipientParty	Invalid identification data for the the receiver.
DPMG	DuplicateMessage	Duplicate message, the identification of the exchange is the same than a previous message.
VERS	ProtocolVersion	Version of the protocol couldn't be supported by the recipient.
MSGT	MessageType	Type of message the recipient receives is unknow or unsupported.

### 23.2.3.70 Response1Code

*Definition:* Response code of a transaction.

*Type:* CodeSet

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partialy provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

### 23.2.3.71 Response4Code

*Definition:* Result of the performed service.

*Type:* CodeSet

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.

CodeName	Name	Definition
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.

### 23.2.3.72 Response9Code

*Definition:* Result of the performed service.

*Type:* CodeSet

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

### 23.2.3.73 SaleTokenScope1Code

*Definition:* Scope of the token that identifies the payment mean of the customer.

*Type:* CodeSet

CodeName	Name	Definition
MULT	MultipleUse	The token is generated to recognise a customer for a longer period.
SNGL	SingleUse	The token is generated to recognise a customer during the lifetime of a transaction.

### 23.2.3.74 SupportedPaymentOption1Code

*Definition:* Specifies the options supported for a payment transaction.

*Type:* CodeSet

CodeName	Name	Definition
PART	PartialApproval	The entity supports a partial approval of the payment transaction.
MSRV	PaymentApprovalOnly	The entity supports the approval of the payment service along with the decline of additional requested services (as cash-back).

### 23.2.3.75 TMSContactLevel1Code

*Definition:* Level of urgency in contacting the terminal management system.

*Type:* CodeSet

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

### 23.2.3.76 TransactionChannel5Code

*Definition:* Identifies the type of the communication channels used by the cardholder to the acceptor system.

*Type:* CodeSet

CodeName	Name	Definition
MAIL	MailOrder	Mail order.
TLPH	TelephoneOrder	Telephone order.
ECOM	ElectronicCommerce	Electronic commerce.
TVPY	TelevisionPayment	Payment on television.
SECM	SecuredElectronicCommerce	Electronic commerce with cardholder authentication.
MOBL	MobilePayment	Payment performed through a cardholder mobile device.
MPOS	MobilePOS	Payment performed through a merchant mobile device.

### 23.2.3.77 TransactionEnvironment1Code

*Definition:* Indicates the environment of the transaction.

*Type:* CodeSet

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

### 23.2.3.78 TypeOfAmount8Code

*Definition:* Qualifies the amount associated with the transaction.

*Type:* CodeSet

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).

CodeName	Name	Definition
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

### 23.2.3.79 TypeTransactionTotals2Code

*Definition:* Identification of the type of transactions which are included in the totals.

*Type:* CodeSet

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

### 23.2.3.80 UnitOfMeasure6Code

*Definition:* Unit of measure of the item purchased.

*Type:* CodeSet

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton) and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.

CodeName	Name	Definition
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.

CodeName	Name	Definition
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

### 23.2.3.81 UserInterface4Code

*Definition:* Destination of the message.

*Type:* CodeSet

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.

### 23.2.3.82 Verification1Code

*Definition:* Result of the verification.

*Type:* CodeSet

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

## 23.2.4 Date

### 23.2.4.1 ISODate

*Definition:* A particular point in the progression of time in a calendar year expressed in the YYYY-MM-DD format. This representation is defined in "XML Schema Part 2: Datatypes Second Edition - W3C Recommendation 28 October 2004" which is aligned with ISO 8601.

*Type:* Date

## 23.2.5 DateTime

### 23.2.5.1 ISODateTime

*Definition:* A particular point in the progression of time defined by a mandatory date and a mandatory time component, expressed in either UTC time format (YYYY-MM-DDThh:mm:ss.sssZ), local time with UTC offset format (YYYY-MM-DDThh:mm:ss.sss+/-hh:mm), or local time format (YYYY-MM-DDThh:mm:ss.sss). These representations are defined in "XML Schema Part 2: Datatypes Second Edition - W3C Recommendation 28 October 2004" which is aligned with ISO 8601.

Note on the time format:

1) beginning / end of calendar day

00:00:00 = the beginning of a calendar day

24:00:00 = the end of a calendar day

2) fractions of second in time format

Decimal fractions of seconds may be included. In this case, the involved parties shall agree on the maximum number of digits that are allowed.

*Type:* DateTime

## 23.2.6 IdentifierSet

### 23.2.6.1 AnyBICDec2014Identifier

*Definition:* Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362: 2014 - "Banking - Banking telecommunication messages - Business identifier code (BIC)".

*Type:* IdentifierSet

*Identification scheme:* SWIFT; AnyBICIdentifier

#### Format

pattern [A-Z0-9]{4,4}[A-Z]{2,2}[A-Z0-9]{2,2}([A-Z0-9]{3,3}){0,1}



### Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

### 23.2.6.2 BBANIdentifier

*Definition:* Basic Bank Account Number (BBAN). Identifier used nationally by financial institutions, ie, in individual countries, generally as part of a National Account Numbering Scheme(s), which uniquely identifies the account of a customer.

*Type:* IdentifierSet

*Identification scheme:* National Banking Association; Basic Bank Account Number

### Format

pattern [a-zA-Z0-9]{1,30}

### 23.2.6.3 IBAN2007Identifier

*Definition:* An identifier used internationally by financial institutions to uniquely identify the account of a customer at a financial institution, as described in the latest edition of the international standard ISO 13616: 2007 - "Banking and related financial services - International Bank Account Number (IBAN)".

*Type:* IdentifierSet

*Identification scheme:* National Banking Association; International Bank Account Number (ISO 13616)

### Format

pattern [A-Z]{2,2}[0-9]{2,2}[a-zA-Z0-9]{1,30}

### Constraints

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

### 23.2.6.4 IBANIdentifier

*Definition:* An identifier used internationally by financial institutions to uniquely identify the account of a customer at a financial institution, as described in the latest edition of the international standard ISO 13616. "Banking and related financial services - International Bank Account Number (IBAN)".

*Type:* IdentifierSet

*Identification scheme:* National Banking Association; International Bank Account Number (ISO 13616)

### Format

pattern [a-zA-Z]{2,2}[0-9]{2,2}[a-zA-Z0-9]{1,30}

## Constraints

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

### 23.2.6.5 UPICIdentifier

*Definition:* Universal Payment Identification Code (UPIC). Identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

*Type:* IdentifierSet

*Identification scheme:* The Clearing House (formerly The New York Clearing House); Universal Payment Identification Code

## Format

pattern	[0-9]{8,17}
---------	-------------

## 23.2.7 Indicator

### 23.2.7.1 PlusOrMinusIndicator

*Definition:* Indicates a positive or negative value.

*Type:* Indicator

*Meaning When True:* Plus

*Meaning When False:* Minus

### 23.2.7.2 TrueFalseIndicator

*Definition:* A flag indicating a True or False value.

*Type:* Indicator

*Meaning When True:* True

*Meaning When False:* False

## 23.2.8 Quantity

### 23.2.8.1 DecimalNumber

*Definition:* Number of objects represented as a decimal number, for example 0.75 or 45.6.

*Type:* Quantity

## Format

totalDigits	18
fractionDigits	17

### 23.2.8.2 Number

*Definition:* Number of objects represented as an integer.

*Type:* Quantity

#### Format

totalDigits	18
fractionDigits	0

### 23.2.8.3 PositiveNumber

*Definition:* Number of objects represented as a positive integer.

*Type:* Quantity

#### Format

minInclusive	1
totalDigits	18
fractionDigits	0

## 23.2.9 Rate

### 23.2.9.1 PercentageRate

*Definition:* Rate expressed as a percentage, that is, in hundredths, for example, 0.7 is 7/10 of a percent, and 7.0 is 7%.

*Type:* Rate

#### Format

totalDigits	11
fractionDigits	10
baseValue	100.0

## 23.2.10 Text

### 23.2.10.1 Exact3AlphaNumericText

*Definition:* Specifies an alphanumeric string with a length of exact 3 characters.

*Type:* Text

#### Format

pattern	[a-zA-Z0-9]{3}
---------	----------------

### 23.2.10.2 Exact3NumericText

*Definition:* Specifies a numeric string with an exact length of 3 digits.

*Type:* Text

**Format**

pattern	[0-9]{3}
---------	----------

### 23.2.10.3 Max1025Text

*Definition:* Specifies a character string with a maximum length of 1025 characters.

*Type:* Text

**Format**

minLength	1
maxLength	1025

### 23.2.10.4 Max104Text

*Definition:* Specifies a character string with a maximum length of 104 characters.

*Type:* Text

**Format**

minLength	1
maxLength	104

### 23.2.10.5 Max10Text

*Definition:* Specifies a character string with a maximum length of 10 characters.

*Type:* Text

**Format**

minLength	1
maxLength	10

### 23.2.10.6 Max140Text

*Definition:* Specifies a character string with a maximum length of 140 characters.

*Type:* Text

**Format**

minLength	1
maxLength	140

### 23.2.10.7 Max15NumericText

*Definition:* Specifies a numeric string with a maximum length of 15 digits.

*Type:* Text

---

**Format**

pattern	[0-9]{1,15}
---------	-------------

### 23.2.10.8 Max16Text

*Definition:* Specifies a character string with a maximum length of 16 characters.

*Type:* Text

**Format**

minLength	1
maxLength	16

### 23.2.10.9 Max20000Text

*Definition:* Specifies a character string with a maximum length of 20, 000 characters.

*Type:* Text

**Format**

minLength	1
maxLength	20000

### 23.2.10.10 Max256Text

*Definition:* Specifies a character string with a maximum length of 256 characters.

*Type:* Text

**Format**

minLength	1
maxLength	256

### 23.2.10.11 Max2NumericText

*Definition:* Specifies a numeric string with a maximum length of 2 digits.

*Type:* Text

**Format**

pattern	[0-9]{1,2}
---------	------------

### 23.2.10.12 Max30Text

*Definition:* Specifies a character string with a maximum length of 30 characters.

*Type:* Text

**Format**

maxLength	30
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### 23.2.10.13 Max350Text

*Definition:* Specifies a character string with a maximum length of 350 characters.

*Type:* Text

#### Format

minLength	1
maxLength	350

### 23.2.10.14 Max35NumericText

*Definition:* Specifies a numeric string with a maximum length of 35 digits.

*Type:* Text

#### Format

pattern	[0-9]{1,35}
---------	-------------

### 23.2.10.15 Max35Text

*Definition:* Specifies a character string with a maximum length of 35 characters.

*Type:* Text

#### Format

minLength	1
maxLength	35

### 23.2.10.16 Max37Text

*Definition:* Specifies a character string with a maximum length of 37 characters.

*Type:* Text

#### Format

minLength	1
maxLength	37

### 23.2.10.17 Max3NumericText

*Definition:* Specifies a numeric string with a maximum length of 3 digits.

*Type:* Text

#### Format

pattern	[0-9]{1,3}
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### 23.2.10.18 Max3Text

*Definition:* Specifies a character string with a maximum length of 3 characters.

*Type:* Text

**Format**

minLength	1
maxLength	3

### 23.2.10.19 Max45Text

*Definition:* Specifies a character string with a maximum length of 45 characters.

*Type:* Text

**Format**

minLength	1
maxLength	45

### 23.2.10.20 Max500Text

*Definition:* Specifies a character string with a maximum length of 500 characters.

*Type:* Text

**Format**

minLength	1
maxLength	500

### 23.2.10.21 Max5NumericText

*Definition:* Specifies a numeric string with a maximum length of 5 digits.

*Type:* Text

**Format**

pattern	[0-9]{1,5}
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### 23.2.10.22 Max6Text

*Definition:* Specifies a character string with a maximum length of 6 characters.

*Type:* Text

**Format**

minLength	1
maxLength	6

### 23.2.10.23 Max70Text

*Definition:* Specifies a character string with a maximum length of 70characters.

*Type:* Text

**Format**

minLength	1
maxLength	70

**23.2.10.24 Max76Text**

*Definition:* Specifies a character string with a maximum length of 76 characters.

*Type:* Text

**Format**

minLength	1
maxLength	76

**23.2.10.25 Max8000Text**

*Definition:* Specifies a character string with a maximum length of 8000 characters.

*Type:* Text

**Format**

minLength	1
maxLength	8000

**23.2.10.26 Max9NumericText**

*Definition:* Specifies a numeric string with a maximum length of 9 digits.

*Type:* Text

**Format**

pattern	[0-9]{1,9}
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**23.2.10.27 Min2Max3AlphaText**

*Definition:* Specifies an alpha string with a minimum length of 2 characters and a maximum length of 3 characters.

*Type:* Text

**Format**

pattern	[a-zA-Z]{2,3}
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**23.2.10.28 Min2Max3NumericText**

*Definition:* Specifies a numeric string with a minimum length of 2 digits, and a maximum length of 3 digits.

*Type:* Text



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**Format**

pattern	[0-9]{2,3}
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### 23.2.10.29 Min3Max4Text

*Definition:* Specifies a character string with a minimum length of 3 characters, and a maximum length of 4 characters.

*Type:* Text

**Format**

minLength	3
maxLength	4

### 23.2.10.30 Min6Max8Text

*Definition:* Specifies a character string with a minimum length of 6 characters, and a maximum length of 8 characters.

*Type:* Text

**Format**

minLength	6
maxLength	8

### 23.2.10.31 Min8Max28NumericText

*Definition:* Specifies a numeric string with a minimum length of 8 digits, and a maximum length of 28 digits.

*Type:* Text

**Format**

pattern	[0-9]{8,28}
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### 23.2.10.32 PhoneNumber

*Definition:* The collection of information which identifies a specific phone or FAX number as defined by telecom services.

It consists of a "+" followed by the country code (from 1 to 3 characters) then a "-" and finally, any combination of numbers, "(", ")", "+" and "-" (up to 30 characters).

*Type:* Text

**Format**

pattern	\+[0-9]{1,3}-[0-9()+-]{1,30}
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