

ISO 20022

Card Payments Exchanges - Acceptor to Acquirer - Maintenance 2023 - 2024

Message Definition Report - Part 2

Approved by the Cards SEG on 25 January 2024

This document provides details of the Message Definitions for Card Payments Exchanges - Acceptor to Acquirer - Maintenance 2023 - 2024.

March 2024

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1 Message Set Overview

Introduction

This document describes the Card Payments Exchanges - Acceptor to Acquirer message set. It includes the new version of the MessageDefinitions that have been added as part of the maintenance cycle 2023-2024 (See MCR #235) and approved by the Cards Standards Evaluation Group on 25 January 2024.

1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
caaa.001.001.13 AcceptorAuthorisationRequestV13	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.002.001.13 AcceptorAuthorisationResponseV13	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.003.001.13 AcceptorCompletionAdviceV13	<p>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).</p> <p>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.</p>
caaa.004.001.12 AcceptorCompletionAdviceResponseV12	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.005.001.13 AcceptorCancellationRequestV13	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.006.001.12 AcceptorCancellationResponseV12	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.007.001.13 AcceptorCancellationAdviceV13	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.

MessageDefinition	Definition
caaa.008.001.12 AcceptorCancellationAdviceResponseV12	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.
caaa.009.001.12 AcceptorReconciliationRequestV12	<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.010.001.11 AcceptorReconciliationResponseV11	<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.011.001.13 AcceptorBatchTransferV13	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.012.001.12 AcceptorBatchTransferResponseV12	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.013.001.12 AcceptorDiagnosticRequestV12	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.014.001.11 AcceptorDiagnosticResponseV11	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.016.001.11 AcceptorCurrencyConversionRequestV11	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.017.001.11 AcceptorCurrencyConversionResponseV11	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.018.001.08 AcceptorCurrencyConversionAdviceV08	The AcceptorCurrencyConversionAdvice message is sent by the card acceptor to inform the currency conversion service provider of the outcome of the card currency conversion.

MessageDefinition	Definition
caaa.019.001.07 AcceptorCurrencyConversionAdviceResponseV07	The AcceptorCurrencyConversionAdviceResponse message is sent by the service provider to acknowledge the acceptor about the notification of the reception of the currency conversion advice.
caaa.020.001.05 TransactionAdviceV05	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.021.001.05 TransactionAdviceResponseV05	The TransactionAdviceResponse message is sent by the POI to acknowledge the Acquirer (or its agent) about the notification of the transaction advice.
caaa.022.001.04 AcceptorNonFinancialRequestV04	The AcceptorNonFinancialRequest message is sent by the POI to receive additional information from the Acquirer (or its agent).
caaa.023.001.04 AcceptorNonFinancialResponseV04	The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide additional information.
caaa.024.001.04 AcceptorTransactionLogReportRequestV04	The AcceptorTransactionLogReportRequest message is sent by an Acceptor to an Acquirer or its IntermediaryAgent to request a report service.
caaa.025.001.04 AcceptorTransactionLogReportResponseV04	This AcceptorTransactionLogReportResponse message is sent by an Acquirer or its IntermediaryAgent to provide the report previously expected by a POI.
caaa.026.001.01 AcceptorToAcquirerBatchFileExchangeV01	The AcceptorToAcquirerBatchFileExchangemessage is sent by an acceptor (or its agent) to the acquirer (or its agent), to send a batch of request.
caaa.027.001.01 AcquirerToAcceptorBatchFileExchangeV01	The AcquirerToAcceptorBatchFileExchange message is sent by an acquirer (or its agent) to the acceptor (or its agent), to send a batch of response.

2 caaa.001.001.13 AcceptorAuthorisationRequestV13

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 AcceptorAuthorisationRequestV13 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]			
	Header <Hdr>	[1..1]			15
	MessageFunction <MsgFctn>	[1..1]	CodeSet		15
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		17
	ExchangeIdentification <XchgId>	[1..1]	Quantity		17
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		17
	CreationDateTime <CreDtTm>	[1..1]	DateTime		17
	InitiatingParty <InitgPty>	[1..1]	±		17
	RecipientParty <RcptPty>	[0..1]	±		18
	Traceability <Tracblt>	[0..*]	±		18
	AuthorisationRequest <AuthstnReq>	[1..1]			19
	Environment <Envt>	[1..1]	±		24
	Context <Cntxt>	[1..1]	±		30
	Transaction <Tx>	[1..1]			33
	TransactionCapture <TxCaptr>	[1..1]	Indicator		37
	TransactionType <TxTp>	[0..1]	CodeSet		38
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		38
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		39
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		39
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		40
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		40
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		40
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		40
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		40
	TransactionIdentification <TxId>	[1..1]	±		40
	OriginalTransaction <OrgnlTx>	[0..1]	±		41
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		41
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		41
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		42
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		42

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtIs>	[1..1]			42
	Currency <Ccy>	[0..1]	CodeSet	C1	45
	TotalAmount <TtlAmt>	[1..1]	Amount		45
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		45
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		45
	DetailedAmount <DtldAmt>	[0..1]	±		45
	RequestedAmount <ReqdAmt>	[0..1]	Amount		46
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		46
	InvoiceAmount <InvcAmt>	[0..1]	Amount		46
	ValidityDate <VldtyDt>	[0..1]	Date		46
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		46
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		47
	AccountType <AcctTp>	[0..1]	CodeSet		47
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			48
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		50
	Conversion <Convs>	[0..1]			50
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		52
	TargetCurrency <TrgtCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	52
	NumericCode <NmrcCd>	[1..1]	Text		52
	Decimal <Dcml>	[1..1]	Quantity		52
	Name <Nm>	[0..1]	Text		52
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		53
	ExchangeRate <XchgRate>	[1..1]	Rate		53
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		53
	QuotationDate <QtnDt>	[0..1]	DateTime		53
	ValidFrom <VldFr>	[0..1]	DateTime		53
	ValidUntil <VldUntil>	[0..1]	DateTime		53
	SourceCurrency <SrcCcy>	[1..1]			53
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	54
	NumericCode <NmrcCd>	[0..1]	Text		54

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		54
	Name <Nm>	[0..1]	Text		54
	ApplicableBinRange <ApblBinRg>	[0..*]			54
	LowerBin <LwrBin>	[1..1]	Text		55
	HigherBin <HghrBin>	[1..1]	Text		55
	OriginalAmount <OrgnlAmt>	[0..1]			55
	ActualAmount <ActlAmt>	[0..1]	Amount		55
	MinimumAmount <MinAmt>	[0..1]	Amount		55
	MaximumAmount <MaxAmt>	[0..1]	Amount		55
	CommissionDetails <ComssnDtls>	[0..*]			56
	Amount <Amt>	[1..1]	Amount		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56
	MarkUpDetails <MrkUpDtls>	[0..*]			56
	Rate <Rate>	[1..1]	Rate		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56
	DeclarationDetails <DclrtDtls>	[0..*]	±		56
	Instalment <Instlmt>	[0..*]	±		57
	Recurring <Rcrng>	[0..1]	±		58
	AggregationTransaction <AggtnTx>	[0..1]	±		59
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		59
	SaleItem <Saleitm>	[0..*]	±		59
	DeliveryLocation <DivryLctn>	[0..1]	Text		60
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		60
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		60
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		60
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		61
	AdditionalInformation <AddtlInf>	[0..*]			61
	Identification <Id>	[1..1]	Text		61
	Value <Val>	[0..1]	Binary		61
	ProtectedValue <PrctcdVal>	[0..1]	±		61
	Type <Tp>	[0..1]	Text		62

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		62
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		62
	AccountFrom <AcctFr>	[0..1]			62
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		63
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		64
	AccountName <AcctNm>	[0..1]	Text		64
	AccountOwner <AcctOwnr>	[0..1]			65
	Name <Nm>	[1..1]	Text		65
	Address <Adr>	[1..1]	±		65
	Currency <Ccy>	[0..1]	CodeSet	C1	65
	AccountIdentifier <Acctldr>	[0..1]			66
{Or	Card <Card>	[1..1]	Text		66
Or	MSISDN <MSISDN>	[1..1]	Text		66
Or	EMail <EMail>	[1..1]	Text		66
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	66
Or	BBAN <BBAN>	[1..1]	IdentifierSet		67
Or	UPIC <UPIC>	[1..1]	IdentifierSet		67
Or	Domestic <Dmst>	[1..1]	Text		67
Or}	Other <Othr>	[1..1]	Text		67
	Servicer <Svcr>	[0..1]			67
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	68
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		68
	AccountTo <AcctTo>	[0..1]			68
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		69
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		70
	AccountName <AcctNm>	[0..1]	Text		70
	AccountOwner <AcctOwnr>	[0..1]			71
	Name <Nm>	[1..1]	Text		71
	Address <Adr>	[1..1]	±		71
	Currency <Ccy>	[0..1]	CodeSet	C1	71
	AccountIdentifier <Acctldr>	[0..1]			72

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		72
Or	MSISDN <MSISDN>	[1..1]	Text		72
Or	EMail <EMail>	[1..1]	Text		72
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	72
Or	BBAN <BBAN>	[1..1]	IdentifierSet		73
Or	UPIC <UPIC>	[1..1]	IdentifierSet		73
Or	Domestic <Dmst>	[1..1]	Text		73
Or}	Other <Othr>	[1..1]	Text		73
	Servicer <Svcr>	[0..1]			73
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	74
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		74
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		74
	SupplementaryData <SplmtryData>	[0..*]	±	C6	74
	SecurityTrailer <SctyTrlr>	[0..1]	±		75

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 CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

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.

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		15
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		17
	ExchangeIdentification <XchgId>	[1..1]	Quantity		17
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		17
	CreationDateTime <CreDtTm>	[1..1]	DateTime		17
	InitiatingParty <InitgPty>	[1..1]	±		17
	RecipientParty <RcptPty>	[0..1]	±		18
	Traceability <Tracblt>	[0..*]	±		18

2.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.

CodeName	Name	Definition
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

2.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

2.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

2.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

2.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

2.4.2 AuthorisationRequest <AuthstnReq>

Presence: [1..1]

Definition: Information related to the authorisation request.

AuthorisationRequest <AuthstnReq> contains the following **AcceptorAuthorisationRequest13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		24
	Context <Cntxt>	[1..1]	±		30
	Transaction <Tx>	[1..1]			33
	TransactionCapture <TxCaptr>	[1..1]	Indicator		37
	TransactionType <TxTp>	[0..1]	CodeSet		38
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		38
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		39
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		39
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		40
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		40
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		40
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		40
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		40
	TransactionIdentification <TxId>	[1..1]	±		40
	OriginalTransaction <OrgnlTx>	[0..1]	±		41
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		41
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		41
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		42
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		42
	TransactionDetails <TxDtls>	[1..1]			42
	Currency <Ccy>	[0..1]	CodeSet	C1	45
	TotalAmount <TtlAmt>	[1..1]	Amount		45
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		45
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		45
	DetailedAmount <DtldAmt>	[0..1]	±		45
	RequestedAmount <ReqdAmt>	[0..1]	Amount		46
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		46
	InvoiceAmount <InvcAmt>	[0..1]	Amount		46
	ValidityDate <VldtyDt>	[0..1]	Date		46
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		46

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UatnnddLv/Ctgy>	[0..1]	Text		47
	AccountType <AcctTp>	[0..1]	CodeSet		47
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			48
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		50
	Conversion <Convs>	[0..1]			50
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		52
	TargetCurrency <TrgtCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	52
	NumericCode <NmrcCd>	[1..1]	Text		52
	Decimal <Dcml>	[1..1]	Quantity		52
	Name <Nm>	[0..1]	Text		52
	ResultingAmount <RsltAmt>	[0..1]	Amount		53
	ExchangeRate <XchgRate>	[1..1]	Rate		53
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		53
	QuotationDate <QtnDt>	[0..1]	DateTime		53
	ValidFrom <VldFr>	[0..1]	DateTime		53
	ValidUntil <VldUntil>	[0..1]	DateTime		53
	SourceCurrency <SrcCcy>	[1..1]			53
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	54
	NumericCode <NmrcCd>	[0..1]	Text		54
	Decimal <Dcml>	[0..1]	Quantity		54
	Name <Nm>	[0..1]	Text		54
	ApplicableBinRange <AplblBinRg>	[0..*]			54
	LowerBin <LwrBin>	[1..1]	Text		55
	HigherBin <HghrBin>	[1..1]	Text		55
	OriginalAmount <OrgnlAmt>	[0..1]			55
	ActualAmount <ActlAmt>	[0..1]	Amount		55
	MinimumAmount <MinAmt>	[0..1]	Amount		55
	MaximumAmount <MaxAmt>	[0..1]	Amount		55
	CommissionDetails <ComssnDtls>	[0..*]			56
	Amount <Amt>	[1..1]	Amount		56

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		56
	MarkUpDetails <MrkUpDtls>	[0..*]			56
	Rate <Rate>	[1..1]	Rate		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56
	DeclarationDetails <Dclrtndtls>	[0..*]	±		56
	Instalment <Instlmt>	[0..*]	±		57
	Recurring <Rcrng>	[0..1]	±		58
	AggregationTransaction <AggtnTx>	[0..1]	±		59
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		59
	SaleItem <Saleitm>	[0..*]	±		59
	DeliveryLocation <DlvryLctn>	[0..1]	Text		60
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		60
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		60
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		60
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		61
	AdditionalInformation <AddtlInf>	[0..*]			61
	Identification <Id>	[1..1]	Text		61
	Value <Val>	[0..1]	Binary		61
	ProtectedValue <PrctcdVal>	[0..1]	±		61
	Type <Tp>	[0..1]	Text		62
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		62
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		62
	AccountFrom <AcctFr>	[0..1]			62
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		63
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		64
	AccountName <AcctNm>	[0..1]	Text		64
	AccountOwner <AcctOwnr>	[0..1]			65
	Name <Nm>	[1..1]	Text		65
	Address <Adr>	[1..1]	±		65
	Currency <Ccy>	[0..1]	CodeSet	C1	65
	AccountIdentifier <Acctldr>	[0..1]			66

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		66
Or	MSISDN <MSISDN>	[1..1]	Text		66
Or	EMail <EMail>	[1..1]	Text		66
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	66
Or	BBAN <BBAN>	[1..1]	IdentifierSet		67
Or	UPIC <UPIC>	[1..1]	IdentifierSet		67
Or	Domestic <Dmst>	[1..1]	Text		67
Or}	Other <Othr>	[1..1]	Text		67
	Servicer <Svcr>	[0..1]			67
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	68
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		68
	AccountTo <AcctTo>	[0..1]			68
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		69
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		70
	AccountName <AcctNm>	[0..1]	Text		70
	AccountOwner <AcctOwnr>	[0..1]			71
	Name <Nm>	[1..1]	Text		71
	Address <Adr>	[1..1]	±		71
	Currency <Ccy>	[0..1]	CodeSet	C1	71
	AccountIdentifier <AcctIdr>	[0..1]			72
{Or	Card <Card>	[1..1]	Text		72
Or	MSISDN <MSISDN>	[1..1]	Text		72
Or	EMail <EMail>	[1..1]	Text		72
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	72
Or	BBAN <BBAN>	[1..1]	IdentifierSet		73
Or	UPIC <UPIC>	[1..1]	IdentifierSet		73
Or	Domestic <Dmst>	[1..1]	Text		73
Or}	Other <Othr>	[1..1]	Text		73
	Servicer <Svcr>	[0..1]			73
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	74
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		74

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		74
	SupplementaryData <SplmtryData>	[0..*]	±	C6	74

2.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BillgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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 "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

2.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction134** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		37
	TransactionType <TxTp>	[0..1]	CodeSet		38
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		38
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		39
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		39
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		40
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		40
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		40
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		40
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		40
	TransactionIdentification <TxId>	[1..1]	±		40
	OriginalTransaction <OrgnlTx>	[0..1]	±		41
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		41
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		41
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		42
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		42
	TransactionDetails <TxDtls>	[1..1]			42
	Currency <Ccy>	[0..1]	CodeSet	C1	45
	TotalAmount <TtlAmt>	[1..1]	Amount		45
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		45
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		45
	DetailedAmount <DtldAmt>	[0..1]	±		45
	RequestedAmount <ReqdAmt>	[0..1]	Amount		46
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		46
	InvoiceAmount <InvAmt>	[0..1]	Amount		46
	ValidityDate <VldtyDt>	[0..1]	Date		46
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		46
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		47
	AccountType <AcctTp>	[0..1]	CodeSet		47
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			48
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		50

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Conv>	[0..1]			50
	CurrencyConversionIdentification <CcyConvsl>	[0..1]	Text		52
	TargetCurrency <TrgtCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	52
	NumericCode <NmrcCd>	[1..1]	Text		52
	Decimal <Dcml>	[1..1]	Quantity		52
	Name <Nm>	[0..1]	Text		52
	ResultingAmount <RsltAmt>	[0..1]	Amount		53
	ExchangeRate <XchgRate>	[1..1]	Rate		53
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		53
	QuotationDate <QtnDt>	[0..1]	DateTime		53
	ValidFrom <VldFr>	[0..1]	DateTime		53
	ValidUntil <VldUntil>	[0..1]	DateTime		53
	SourceCurrency <SrcCcy>	[1..1]			53
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	54
	NumericCode <NmrcCd>	[0..1]	Text		54
	Decimal <Dcml>	[0..1]	Quantity		54
	Name <Nm>	[0..1]	Text		54
	ApplicableBinRange <AplblBinRg>	[0..*]			54
	LowerBin <LwrBin>	[1..1]	Text		55
	HigherBin <HghrBin>	[1..1]	Text		55
	OriginalAmount <OrgnlAmt>	[0..1]			55
	ActualAmount <ActlAmt>	[0..1]	Amount		55
	MinimumAmount <MinAmt>	[0..1]	Amount		55
	MaximumAmount <MaxAmt>	[0..1]	Amount		55
	CommissionDetails <ComssnDtls>	[0..*]			56
	Amount <Amt>	[1..1]	Amount		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56
	MarkUpDetails <MrkUpDtls>	[0..*]			56
	Rate <Rate>	[1..1]	Rate		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		56
	Instalment <Instlmt>	[0..*]	±		57
	Recurring <Rcrng>	[0..1]	±		58
	AggregationTransaction <AggtnTx>	[0..1]	±		59
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		59
	SaleItem <Saleitm>	[0..*]	±		59
	DeliveryLocation <DlvryLctn>	[0..1]	Text		60
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		60
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		60
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		60
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		61
	AdditionalInformation <AddtlInf>	[0..*]			61
	Identification <Id>	[1..1]	Text		61
	Value <Val>	[0..1]	Binary		61
	ProtectedValue <PrctcdVal>	[0..1]	±		61
	Type <Tp>	[0..1]	Text		62
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		62
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		62
	AccountFrom <AcctFr>	[0..1]			62
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		63
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		64
	AccountName <AcctNm>	[0..1]	Text		64
	AccountOwner <AcctOwnr>	[0..1]			65
	Name <Nm>	[1..1]	Text		65
	Address <Adr>	[1..1]	±		65
	Currency <Ccy>	[0..1]	CodeSet	C1	65
	AccountIdentifier <Acctldr>	[0..1]			66
{Or	Card <Card>	[1..1]	Text		66
Or	MSISDN <MSISDN>	[1..1]	Text		66
Or	EMail <EMail>	[1..1]	Text		66
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	66

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	BBAN <BBAN>	[1..1]	IdentifierSet		67
Or	UPIC <UPIC>	[1..1]	IdentifierSet		67
Or	Domestic <Dmst>	[1..1]	Text		67
Or}	Other <Othr>	[1..1]	Text		67
	Servicer <Svcr>	[0..1]			67
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	68
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		68
	AccountTo <AcctTo>	[0..1]			68
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		69
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		70
	AccountName <AcctNm>	[0..1]	Text		70
	AccountOwner <AcctOwnr>	[0..1]			71
	Name <Nm>	[1..1]	Text		71
	Address <Adr>	[1..1]	±		71
	Currency <Ccy>	[0..1]	CodeSet	C1	71
	AccountIdentifier <AcctIdr>	[0..1]			72
{Or	Card <Card>	[1..1]	Text		72
Or	MSISDN <MSISDN>	[1..1]	Text		72
Or	EMail <EMail>	[1..1]	Text		72
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	72
Or	BBAN <BBAN>	[1..1]	IdentifierSet		73
Or	UPIC <UPIC>	[1..1]	IdentifierSet		73
Or	Domestic <Dmst>	[1..1]	Text		73
Or}	Other <Othr>	[1..1]	Text		73
	Servicer <Svcr>	[0..1]			73
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	74
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		74
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		74

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 1761):

- *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 1723

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.

2.4.2.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: ["CardPaymentServiceType9Code"](#) on page 1725

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.

2.4.2.3.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of 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 1761):

- *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 1769

2.4.2.3.7 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 1761):

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

2.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 1766

2.4.2.3.9 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Specifies 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 1766

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 1766

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

2.4.2.3.12 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "CardPaymentTransaction122" on page 1438 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIID>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

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 1766

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 1766

2.4.2.3.15 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

2.4.2.3.16 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

2.4.2.3.17 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	45
	TotalAmount <TtlAmt>	[1..1]	Amount		45
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		45
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		45
	DetailedAmount <DtldAmt>	[0..1]	±		45
	RequestedAmount <ReqdAmt>	[0..1]	Amount		46
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		46
	InvoiceAmount <InvcAmt>	[0..1]	Amount		46
	ValidityDate <VldtyDt>	[0..1]	Date		46
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		46
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		47
	AccountType <AcctTp>	[0..1]	CodeSet		47
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			48
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		50
	Conversion <Convs>	[0..1]			50
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		52
	TargetCurrency <TrgtCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	52
	NumericCode <NmrcCd>	[1..1]	Text		52
	Decimal <Dcml>	[1..1]	Quantity		52
	Name <Nm>	[0..1]	Text		52
	ResultingAmount <RsltgAmt>	[0..1]	Amount		53
	ExchangeRate <XchgRate>	[1..1]	Rate		53
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		53
	QuotationDate <QtnDt>	[0..1]	DateTime		53
	ValidFrom <VldFr>	[0..1]	DateTime		53
	ValidUntil <VldUntil>	[0..1]	DateTime		53
	SourceCurrency <SrcCcy>	[1..1]			53
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	54
	NumericCode <NmrcCd>	[0..1]	Text		54
	Decimal <Dcml>	[0..1]	Quantity		54

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		54
	ApplicableBinRange <AplblBinRg>	[0..*]			54
	LowerBin <LwrBin>	[1..1]	Text		55
	HigherBin <HghrBin>	[1..1]	Text		55
	OriginalAmount <OrgnlAmt>	[0..1]			55
	ActualAmount <ActlAmt>	[0..1]	Amount		55
	MinimumAmount <MinAmt>	[0..1]	Amount		55
	MaximumAmount <MaxAmt>	[0..1]	Amount		55
	CommissionDetails <ComssnDtls>	[0..*]			56
	Amount <Amt>	[1..1]	Amount		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56
	MarkUpDetails <MrkUpDtls>	[0..*]			56
	Rate <Rate>	[1..1]	Rate		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56
	DeclarationDetails <DclrtDtls>	[0..*]	±		56
	Instalment <Instlmt>	[0..*]	±		57
	Recurring <Rcrng>	[0..1]	±		58
	AggregationTransaction <AggtTx>	[0..1]	±		59
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		59
	SaleItem <Saleitm>	[0..*]	±		59
	DeliveryLocation <DivryLctn>	[0..1]	Text		60
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		60
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		60
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		60
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		61
	AdditionalInformation <AddtlInf>	[0..*]			61
	Identification <Id>	[1..1]	Text		61
	Value <Val>	[0..1]	Binary		61
	ProtectedValue <PrctcdVal>	[0..1]	±		61
	Type <Tp>	[0..1]	Text		62
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		62

2.4.2.3.17.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

2.4.2.3.17.2 TotalAmount <TtlAmt>*Presence:* [1..1]*Definition:* Total amount of the transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**2.4.2.3.17.3 CumulativeAmount <CmltvAmt>***Presence:* [0..1]*Definition:* Contains the updated amount of all authorisations related to the same business transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**2.4.2.3.17.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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.

2.4.2.3.17.5 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 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

2.4.2.3.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

2.4.2.3.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

2.4.2.3.17.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

2.4.2.3.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

2.4.2.3.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

2.4.2.3.17.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1766

2.4.2.3.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

2.4.2.3.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		50
	Conversion <Convs>	[0..1]			50
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		52
	TargetCurrency <TrgtCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	52
	NumericCode <NmrcCd>	[1..1]	Text		52
	Decimal <Dcml>	[1..1]	Quantity		52
	Name <Nm>	[0..1]	Text		52
	ResultingAmount <RsltgAmt>	[0..1]	Amount		53
	ExchangeRate <XchgRate>	[1..1]	Rate		53
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		53
	QuotationDate <QtnDt>	[0..1]	DateTime		53
	ValidFrom <VldFr>	[0..1]	DateTime		53
	ValidUntil <VldUntil>	[0..1]	DateTime		53
	SourceCurrency <SrcCcy>	[1..1]			53
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	54
	NumericCode <NmrcCd>	[0..1]	Text		54
	Decimal <Dcml>	[0..1]	Quantity		54
	Name <Nm>	[0..1]	Text		54
	ApplicableBinRange <AplblBinRg>	[0..*]			54
	LowerBin <LwrBin>	[1..1]	Text		55
	HigherBin <HghrBin>	[1..1]	Text		55
	OriginalAmount <OrgnlAmt>	[0..1]			55
	ActualAmount <ActlAmt>	[0..1]	Amount		55
	MinimumAmount <MinAmt>	[0..1]	Amount		55
	MaximumAmount <MaxAmt>	[0..1]	Amount		55
	CommissionDetails <ComssnDtls>	[0..*]			56
	Amount <Amt>	[1..1]	Amount		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56
	MarkUpDetails <MrkUpDtls>	[0..*]			56

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56
	DeclarationDetails <DclrtnDtls>	[0..*]	±		56

2.4.2.3.17.13.1 AcceptedByCardholder <AcptdByCrdhdr>

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 1761):

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

2.4.2.3.17.13.2 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		52
	TargetCurrency <TrgtCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	52
	NumericCode <NmrcCd>	[1..1]	Text		52
	Decimal <Dcml>	[1..1]	Quantity		52
	Name <Nm>	[0..1]	Text		52
	ResultingAmount <RsltAmt>	[0..1]	Amount		53
	ExchangeRate <XchgRate>	[1..1]	Rate		53
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		53
	QuotationDate <QtnDt>	[0..1]	DateTime		53
	ValidFrom <VldFr>	[0..1]	DateTime		53
	ValidUntil <VldUntil>	[0..1]	DateTime		53
	SourceCurrency <SrcCcy>	[1..1]			53
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	54
	NumericCode <NmrcCd>	[0..1]	Text		54
	Decimal <Dcml>	[0..1]	Quantity		54
	Name <Nm>	[0..1]	Text		54
	ApplicableBinRange <AplblBinRg>	[0..*]			54
	LowerBin <LwrBin>	[1..1]	Text		55
	HigherBin <HghrBin>	[1..1]	Text		55
	OriginalAmount <OrgnlAmt>	[0..1]			55
	ActualAmount <ActlAmt>	[0..1]	Amount		55
	MinimumAmount <MinAmt>	[0..1]	Amount		55
	MaximumAmount <MaxAmt>	[0..1]	Amount		55
	CommissionDetails <ComssnDtls>	[0..*]			56
	Amount <Amt>	[1..1]	Amount		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56
	MarkUpDetails <MrkUpDtls>	[0..*]			56
	Rate <Rate>	[1..1]	Rate		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56
	DeclarationDetails <DclrtDtls>	[0..*]	±		56

2.4.2.3.17.13.2.1 CurrencyConversionIdentification <CcyConvId>*Presence:* [0..1]*Definition:* Identification of the currency conversion operation for the service provider.*Datatype:* "Max35Text" on page 1766**2.4.2.3.17.13.2.2 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	52
	NumericCode <NmrcCd>	[1..1]	Text		52
	Decimal <Dcml>	[1..1]	Quantity		52
	Name <Nm>	[0..1]	Text		52

2.4.2.3.17.13.2.2.1 AlphaCode <AlphaCd>*Presence:* [1..1]*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

2.4.2.3.17.13.2.2.2 NumericCode <NmrcCd>*Presence:* [1..1]*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).*Datatype:* "Exact3NumericText" on page 1763**2.4.2.3.17.13.2.2.3 Decimal <Dcml>***Presence:* [1..1]*Definition:* Maximal number of digits after the decimal separator for the currency.*Datatype:* "Number" on page 1762**2.4.2.3.17.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

2.4.2.3.17.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

2.4.2.3.17.13.2.4 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 1762

2.4.2.3.17.13.2.5 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 1762

2.4.2.3.17.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

2.4.2.3.17.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

2.4.2.3.17.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

2.4.2.3.17.13.2.9 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	54
	NumericCode <NmrcCd>	[0..1]	Text		54
	Decimal <Dcml>	[0..1]	Quantity		54
	Name <Nm>	[0..1]	Text		54

2.4.2.3.17.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

2.4.2.3.17.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

2.4.2.3.17.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

2.4.2.3.17.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

2.4.2.3.17.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		55
	HigherBin <HghrBin>	[1..1]	Text		55

2.4.2.3.17.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

2.4.2.3.17.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

2.4.2.3.17.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		55
	MinimumAmount <MinAmt>	[0..1]	Amount		55
	MaximumAmount <MaxAmt>	[0..1]	Amount		55

2.4.2.3.17.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

2.4.2.3.17.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

2.4.2.3.17.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

2.4.2.3.17.13.2.12 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		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56

2.4.2.3.17.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**2.4.2.3.17.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**2.4.2.3.17.13.2.13 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		56
	AdditionalInformation <AddtlInf>	[0..1]	Text		56

2.4.2.3.17.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**2.4.2.3.17.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**2.4.2.3.17.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

2.4.2.3.17.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

2.4.2.3.17.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

2.4.2.3.17.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Lab/>	[0..1]	Text		1609

2.4.2.3.17.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1763

2.4.2.3.17.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

2.4.2.3.17.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

2.4.2.3.17.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

2.4.2.3.17.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

2.4.2.3.17.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

2.4.2.3.17.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

2.4.2.3.17.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		61
	Value <Val>	[0..1]	Binary		61
	ProtectedValue <PrtctdVal>	[0..1]	±		61
	Type <Tp>	[0..1]	Text		62

2.4.2.3.17.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

2.4.2.3.17.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

2.4.2.3.17.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

2.4.2.3.17.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1763

2.4.2.3.17.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 1702

2.4.2.3.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "[Max70Text](#)" on page 1767

2.4.2.3.19 AccountFrom <AcctFr>

Presence: [0..1]

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

AccountFrom <AcctFr> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		63
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		64
	AccountName <AcctNm>	[0..1]	Text		64
	AccountOwner <AcctOwnr>	[0..1]			65
	Name <Nm>	[1..1]	Text		65
	Address <Adr>	[1..1]	±		65
	Currency <Ccy>	[0..1]	CodeSet	C1	65
	AccountIdentifier <AcctIdr>	[0..1]			66
{Or	Card <Card>	[1..1]	Text		66
Or	MSISDN <MSISDN>	[1..1]	Text		66
Or	EMail <EMail>	[1..1]	Text		66
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	66
Or	BBAN <BBAN>	[1..1]	IdentifierSet		67
Or	UPIC <UPIC>	[1..1]	IdentifierSet		67
Or	Domestic <Dmst>	[1..1]	Text		67
Or}	Other <Othr>	[1..1]	Text		67
	Servicer <Svcr>	[0..1]			67
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	68
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		68

2.4.2.3.19.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

2.4.2.3.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

2.4.2.3.19.3 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 1767

2.4.2.3.19.4 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		65
	Address <Adr>	[1..1]	±		65

2.4.2.3.19.4.1 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 1767

2.4.2.3.19.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

2.4.2.3.19.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

2.4.2.3.19.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		66
Or	MSISDN <MSISDN>	[1..1]	Text		66
Or	EMail <EMail>	[1..1]	Text		66
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	66
Or	BBAN <BBAN>	[1..1]	IdentifierSet		67
Or	UPIC <UPIC>	[1..1]	IdentifierSet		67
Or	Domestic <Dmst>	[1..1]	Text		67
Or}	Other <Othr>	[1..1]	Text		67

2.4.2.3.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

2.4.2.3.19.6.2 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 1764

2.4.2.3.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

2.4.2.3.19.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

2.4.2.3.19.6.5 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 1760

2.4.2.3.19.6.6 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 1761

2.4.2.3.19.6.7 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 1766

2.4.2.3.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

2.4.2.3.19.7 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	68
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		68

2.4.2.3.19.7.1 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 1760

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.

2.4.2.3.19.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

2.4.2.3.20 AccountTo <AcctTo>

Presence: [0..1]

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

AccountTo <AcctTo> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		69
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		70
	AccountName <AcctNm>	[0..1]	Text		70
	AccountOwner <AcctOwnr>	[0..1]			71
	Name <Nm>	[1..1]	Text		71
	Address <Adr>	[1..1]	±		71
	Currency <Ccy>	[0..1]	CodeSet	C1	71
	AccountIdentifier <AcctIdr>	[0..1]			72
{Or	Card <Card>	[1..1]	Text		72
Or	MSISDN <MSISDN>	[1..1]	Text		72
Or	EMail <EMail>	[1..1]	Text		72
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	72
Or	BBAN <BBAN>	[1..1]	IdentifierSet		73
Or	UPIC <UPIC>	[1..1]	IdentifierSet		73
Or	Domestic <Dmst>	[1..1]	Text		73
Or}	Other <Othr>	[1..1]	Text		73
	Servicer <Svcr>	[0..1]			73
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	74
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		74

2.4.2.3.20.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

2.4.2.3.20.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

2.4.2.3.20.3 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 1767

2.4.2.3.20.4 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		71
	Address <Adr>	[1..1]	±		71

2.4.2.3.20.4.1 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 1767

2.4.2.3.20.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

2.4.2.3.20.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

2.4.2.3.20.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		72
Or	MSISDN <MSISDN>	[1..1]	Text		72
Or	EMail <EMail>	[1..1]	Text		72
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	72
Or	BBAN <BBAN>	[1..1]	IdentifierSet		73
Or	UPIC <UPIC>	[1..1]	IdentifierSet		73
Or	Domestic <Dmst>	[1..1]	Text		73
Or}	Other <Othr>	[1..1]	Text		73

2.4.2.3.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

2.4.2.3.20.6.2 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 1764

2.4.2.3.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

2.4.2.3.20.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

2.4.2.3.20.6.5 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 1760

2.4.2.3.20.6.6 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 1761

2.4.2.3.20.6.7 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 1766

2.4.2.3.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

2.4.2.3.20.7 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	74
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		74

2.4.2.3.20.7.1 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 1760

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.

2.4.2.3.20.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

2.4.2.3.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1767

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 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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 elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

3 caaa.002.001.13

AcceptorAuthorisationResponseV13

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 AcceptorAuthorisationResponseV13 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]			82
	MessageFunction <MsgFctn>	[1..1]	CodeSet		82
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		84
	ExchangeIdentification <XchgId>	[1..1]	Quantity		84
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		84
	CreationDateTime <CreDtTm>	[1..1]	DateTime		84
	InitiatingParty <InitgPty>	[1..1]	±		84
	RecipientParty <RcptPty>	[0..1]	±		85
	Traceability <Tracblt>	[0..*]	±		85
	AuthorisationResponse <AuthstnRspn>	[1..1]			86
	Environment <Envt>	[1..1]	±		91
	Transaction <Tx>	[1..1]			97
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		100
	TransactionIdentification <TxId>	[1..1]	±		100
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		100
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		100
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		100
	InterchangeData <IntrchgData>	[0..1]	Text		101
	TransactionDetails <TxDtls>	[1..1]			101
	Currency <Ccy>	[0..1]	CodeSet	C1	104
	TotalAmount <TtlAmt>	[1..1]	Amount		104
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		104
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		104
	DetailedAmount <DtldAmt>	[0..1]	±		104
	RequestedAmount <ReqdAmt>	[0..1]	Amount		105
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		105
	InvoiceAmount <InvcAmt>	[0..1]	Amount		105
	ValidityDate <VldtyDt>	[0..1]	Date		105
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		105

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UatnnddLvlCtgy>	[0..1]	Text		106
	AccountType <AcctTp>	[0..1]	CodeSet		106
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			107
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		109
	Conversion <Convs>	[0..1]			109
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		111
	TargetCurrency <TrgtCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	111
	NumericCode <NmrcCd>	[1..1]	Text		111
	Decimal <Dcml>	[1..1]	Quantity		111
	Name <Nm>	[0..1]	Text		111
	ResultingAmount <RsItgAmt>	[0..1]	Amount		112
	ExchangeRate <XchgRate>	[1..1]	Rate		112
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		112
	QuotationDate <QtnDt>	[0..1]	DateTime		112
	ValidFrom <VldFr>	[0..1]	DateTime		112
	ValidUntil <VldUntil>	[0..1]	DateTime		112
	SourceCurrency <SrcCcy>	[1..1]			112
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	113
	NumericCode <NmrcCd>	[0..1]	Text		113
	Decimal <Dcml>	[0..1]	Quantity		113
	Name <Nm>	[0..1]	Text		113
	ApplicableBinRange <AplblBinRg>	[0..*]			113
	LowerBin <LwrBin>	[1..1]	Text		114
	HigherBin <HghrBin>	[1..1]	Text		114
	OriginalAmount <OrgnlAmt>	[0..1]			114
	ActualAmount <ActlAmt>	[0..1]	Amount		114
	MinimumAmount <MinAmt>	[0..1]	Amount		114
	MaximumAmount <MaxAmt>	[0..1]	Amount		114
	CommissionDetails <ComssnDtls>	[0..*]			115
	Amount <Amt>	[1..1]	Amount		115

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	MarkUpDetails <MrkUpDtls>	[0..*]			115
	Rate <Rate>	[1..1]	Rate		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	DeclarationDetails <DclrtDtls>	[0..*]	±		115
	Instalment <Instlmt>	[0..*]	±		116
	Recurring <Rcrng>	[0..1]	±		117
	AggregationTransaction <AggtnTx>	[0..1]	±		118
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		118
	SaleItem <Saleitm>	[0..*]	±		118
	DeliveryLocation <DivryLctn>	[0..1]	Text		119
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		119
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		119
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		119
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		120
	AdditionalInformation <AddtlInf>	[0..*]			120
	Identification <Id>	[1..1]	Text		120
	Value <Val>	[0..1]	Binary		120
	ProtectedValue <PrctcdVal>	[0..1]	±		120
	Type <Tp>	[0..1]	Text		121
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		121
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		121
	TransactionResponse <TxRspn>	[1..1]			121
	AuthorisationResult <AuthstnRslt>	[1..1]			124
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		124
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			125
	Response <Rspn>	[1..1]	CodeSet		125
	ResponseReason <RspnRsn>	[0..1]	Text		125
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		125
	AuthorisationCode <AuthstnCd>	[0..1]	Text		125
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		125

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSTrigger <TMSTrgr>	[0..1]			126
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		126
	TMSIdentification <TMSId>	[0..1]	Text		126
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		126
	AllowedProductCode <AllwdPdctCd>	[0..*]			126
	ProductCode <PdctCd>	[1..1]	Text		127
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		127
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			127
	ProductCode <PdctCd>	[1..1]	Text		127
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		127
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			127
	ProductCode <PdctCd>	[1..1]	Text		128
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		128
	AmountLimit <AmtLmt>	[0..1]	Amount		128
	QuantityLimit <QtyLmt>	[0..1]	Quantity		128
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		128
	Balance <Bal>	[0..1]	±		130
	ProtectedBalance <PrtctdBal>	[0..1]	±		130
	Action <Actn>	[0..*]			131
	ActionType <ActnTp>	[1..1]	CodeSet		131
	MessageToPresent <MsgToPres>	[0..1]	±		132
	RemoteAccess <RmotAccs>	[0..1]	±		133
	Retry <Rtry>	[0..1]	±		133
	TimeCondition <TmCond>	[0..1]	±		133
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			134
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		136
	TargetCurrency <TrgtCcy>	[1..1]			136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	136
	NumericCode <NmrcCd>	[1..1]	Text		136
	Decimal <Dcml>	[1..1]	Quantity		136
	Name <Nm>	[0..1]	Text		137

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		137
	ExchangeRate <XchgRate>	[1..1]	Rate		137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		137
	QuotationDate <QtnDt>	[0..1]	DateTime		137
	ValidFrom <VldFr>	[0..1]	DateTime		137
	ValidUntil <VldUntil>	[0..1]	DateTime		137
	SourceCurrency <SrcCcy>	[1..1]			137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	138
	NumericCode <NmrcCd>	[0..1]	Text		138
	Decimal <Dcml>	[0..1]	Quantity		138
	Name <Nm>	[0..1]	Text		138
	ApplicableBinRange <AplblBinRg>	[0..*]			138
	LowerBin <LwrBin>	[1..1]	Text		139
	HigherBin <HghrBin>	[1..1]	Text		139
	OriginalAmount <OrgnlAmt>	[0..1]			139
	ActualAmount <ActlAmt>	[0..1]	Amount		139
	MinimumAmount <MinAmt>	[0..1]	Amount		139
	MaximumAmount <MaxAmt>	[0..1]	Amount		139
	CommissionDetails <ComssnDtls>	[0..*]			140
	Amount <Amt>	[1..1]	Amount		140
	AdditionalInformation <AddtlInf>	[0..1]	Text		140
	MarkUpDetails <MrkUpDtls>	[0..*]			140
	Rate <Rate>	[1..1]	Rate		140
	AdditionalInformation <AddtlInf>	[0..1]	Text		140
	DeclarationDetails <DclrtnDtls>	[0..*]	±		140
	SupplementaryData <SplmtryData>	[0..*]	±	C4	141
	SecurityTrailer <SctyTrlr>	[0..1]	±		141

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 CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

C4 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.

C5 ValidationByTable

Must be a valid terrestrial language.

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		82
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		84
	ExchangeIdentification <XchgId>	[1..1]	Quantity		84
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		84
	CreationDateTime <CreDtTm>	[1..1]	DateTime		84
	InitiatingParty <InitgPty>	[1..1]	±		84
	RecipientParty <RcptPty>	[0..1]	±		85
	Traceability <Tracblt>	[0..*]	±		85

3.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

3.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

3.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

3.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

3.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

3.4.2 AuthorisationResponse <AuthstnRspn>

Presence: [1..1]

Definition: Information related to the response of the authorisation.

AuthorisationResponse <AuthstnRspn> contains the following **AcceptorAuthorisationResponse13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		91
	Transaction <Tx>	[1..1]			97
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		100
	TransactionIdentification <TxId>	[1..1]	±		100
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		100
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		100
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		100
	InterchangeData <IntrchnngData>	[0..1]	Text		101
	TransactionDetails <TxDtls>	[1..1]			101
	Currency <Ccy>	[0..1]	CodeSet	C1	104
	TotalAmount <TtlAmt>	[1..1]	Amount		104
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		104
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		104
	DetailedAmount <DtldAmt>	[0..1]	±		104
	RequestedAmount <ReqdAmt>	[0..1]	Amount		105
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		105
	InvoiceAmount <InvcAmt>	[0..1]	Amount		105
	ValidityDate <VldtyDt>	[0..1]	Date		105
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		105
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		106
	AccountType <AcctTp>	[0..1]	CodeSet		106
	CurrencyConversionResult <CcyConvrsRslt>	[0..1]			107
	AcceptedByCardholder <AcptdByCrdhlr>	[0..1]	Indicator		109
	Conversion <Convrs>	[0..1]			109
	CurrencyConversionIdentification <CcyConvrsId>	[0..1]	Text		111
	TargetCurrency <TrgtCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	111
	NumericCode <NmrcCd>	[1..1]	Text		111
	Decimal <Dcml>	[1..1]	Quantity		111
	Name <Nm>	[0..1]	Text		111

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		112
	ExchangeRate <XchgRate>	[1..1]	Rate		112
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		112
	QuotationDate <QtnDt>	[0..1]	DateTime		112
	ValidFrom <VldFr>	[0..1]	DateTime		112
	ValidUntil <VldUntil>	[0..1]	DateTime		112
	SourceCurrency <SrcCcy>	[1..1]			112
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	113
	NumericCode <NmrcCd>	[0..1]	Text		113
	Decimal <Dcml>	[0..1]	Quantity		113
	Name <Nm>	[0..1]	Text		113
	ApplicableBinRange <AplblBinRg>	[0..*]			113
	LowerBin <LwrBin>	[1..1]	Text		114
	HigherBin <HghrBin>	[1..1]	Text		114
	OriginalAmount <OrgnlAmt>	[0..1]			114
	ActualAmount <ActlAmt>	[0..1]	Amount		114
	MinimumAmount <MinAmt>	[0..1]	Amount		114
	MaximumAmount <MaxAmt>	[0..1]	Amount		114
	CommissionDetails <ComssnDtls>	[0..*]			115
	Amount <Amt>	[1..1]	Amount		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	MarkUpDetails <MrkUpDtls>	[0..*]			115
	Rate <Rate>	[1..1]	Rate		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	DeclarationDetails <Dclrtndtls>	[0..*]	±		115
	Instalment <Instlmt>	[0..*]	±		116
	Recurring <Rcrng>	[0..1]	±		117
	AggregationTransaction <AggtnTx>	[0..1]	±		118
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		118
	SaleItem <Saleitm>	[0..*]	±		118
	DeliveryLocation <DlvryLctn>	[0..1]	Text		119

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		119
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		119
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		119
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		120
	AdditionalInformation <AddtlInf>	[0..*]			120
	Identification <Id>	[1..1]	Text		120
	Value <Val>	[0..1]	Binary		120
	ProtectedValue <PrctcdVal>	[0..1]	±		120
	Type <Tp>	[0..1]	Text		121
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		121
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		121
	TransactionResponse <TxRspn>	[1..1]			121
	AuthorisationResult <AuthstnRslt>	[1..1]			124
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		124
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			125
	Response <Rspn>	[1..1]	CodeSet		125
	ResponseReason <RspnRsn>	[0..1]	Text		125
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		125
	AuthorisationCode <AuthstnCd>	[0..1]	Text		125
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		125
	TMSTrigger <TMSTrgr>	[0..1]			126
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		126
	TMSIdentification <TMSId>	[0..1]	Text		126
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		126
	AllowedProductCode <AllwdPdctCd>	[0..*]			126
	ProductCode <PdctCd>	[1..1]	Text		127
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		127
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			127
	ProductCode <PdctCd>	[1..1]	Text		127
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		127
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			127

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		128
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		128
	AmountLimit <AmtLmt>	[0..1]	Amount		128
	QuantityLimit <QtyLmt>	[0..1]	Quantity		128
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		128
	Balance <Bal>	[0..1]	±		130
	ProtectedBalance <PrctcdBal>	[0..1]	±		130
	Action <Actn>	[0..*]			131
	ActionType <ActnTp>	[1..1]	CodeSet		131
	MessageToPresent <MsgToPres>	[0..1]	±		132
	RemoteAccess <RmotAccs>	[0..1]	±		133
	Retry <Rtry>	[0..1]	±		133
	TimeCondition <TmCond>	[0..1]	±		133
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			134
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		136
	TargetCurrency <TrgtCcy>	[1..1]			136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	136
	NumericCode <NmrcCd>	[1..1]	Text		136
	Decimal <Dcml>	[1..1]	Quantity		136
	Name <Nm>	[0..1]	Text		137
	ResultingAmount <RsltAmt>	[0..1]	Amount		137
	ExchangeRate <XchgRate>	[1..1]	Rate		137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		137
	QuotationDate <QtnDt>	[0..1]	DateTime		137
	ValidFrom <VldFr>	[0..1]	DateTime		137
	ValidUntil <VldUntil>	[0..1]	DateTime		137
	SourceCurrency <SrcCcy>	[1..1]			137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	138
	NumericCode <NmrcCd>	[0..1]	Text		138
	Decimal <Dcml>	[0..1]	Quantity		138
	Name <Nm>	[0..1]	Text		138

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			138
	LowerBin <LwrBin>	[1..1]	Text		139
	HigherBin <HghrBin>	[1..1]	Text		139
	OriginalAmount <OrgnlAmt>	[0..1]			139
	ActualAmount <ActlAmt>	[0..1]	Amount		139
	MinimumAmount <MinAmt>	[0..1]	Amount		139
	MaximumAmount <MaxAmt>	[0..1]	Amount		139
	CommissionDetails <ComssnDtls>	[0..*]			140
	Amount <Amt>	[1..1]	Amount		140
	AdditionalInformation <AddtlInf>	[0..1]	Text		140
	MarkUpDetails <MrkUpDtls>	[0..*]			140
	Rate <Rate>	[1..1]	Rate		140
	AdditionalInformation <AddtlInf>	[0..1]	Text		140
	DeclarationDetails <DclrtnDtls>	[0..*]	±		140
	SupplementaryData <SplmtryData>	[0..*]	±	C4	141

3.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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 **CardPaymentTransaction137** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		100
	TransactionIdentification <TxId>	[1..1]	±		100
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		100
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		100
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		100
	InterchangeData <IntrchgData>	[0..1]	Text		101
	TransactionDetails <TxDtls>	[1..1]			101
	Currency <Ccy>	[0..1]	CodeSet	C1	104
	TotalAmount <TtlAmt>	[1..1]	Amount		104
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		104
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		104
	DetailedAmount <DtlAmt>	[0..1]	±		104
	RequestedAmount <ReqdAmt>	[0..1]	Amount		105
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		105
	InvoiceAmount <InvcAmt>	[0..1]	Amount		105
	ValidityDate <VldtyDt>	[0..1]	Date		105
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		105
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		106
	AccountType <AcctTp>	[0..1]	CodeSet		106
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			107
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		109
	Conversion <Convs>	[0..1]			109
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		111
	TargetCurrency <TrgtCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	111
	NumericCode <NmrcCd>	[1..1]	Text		111
	Decimal <Dcml>	[1..1]	Quantity		111
	Name <Nm>	[0..1]	Text		111
	ResultingAmount <RsltgAmt>	[0..1]	Amount		112
	ExchangeRate <XchgRate>	[1..1]	Rate		112
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		112

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		112
	ValidFrom <VldFr>	[0..1]	DateTime		112
	ValidUntil <VldUntil>	[0..1]	DateTime		112
	SourceCurrency <SrcCcy>	[1..1]			112
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	113
	NumericCode <NmrcCd>	[0..1]	Text		113
	Decimal <Dcml>	[0..1]	Quantity		113
	Name <Nm>	[0..1]	Text		113
	ApplicableBinRange <AplblBinRg>	[0..*]			113
	LowerBin <LwrBin>	[1..1]	Text		114
	HigherBin <HghrBin>	[1..1]	Text		114
	OriginalAmount <OrgnlAmt>	[0..1]			114
	ActualAmount <ActlAmt>	[0..1]	Amount		114
	MinimumAmount <MinAmt>	[0..1]	Amount		114
	MaximumAmount <MaxAmt>	[0..1]	Amount		114
	CommissionDetails <ComssnDtls>	[0..*]			115
	Amount <Amt>	[1..1]	Amount		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	MarkUpDetails <MrkUpDtls>	[0..*]			115
	Rate <Rate>	[1..1]	Rate		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	DeclarationDetails <DclrtDtls>	[0..*]	±		115
	Instalment <Instlmt>	[0..*]	±		116
	Recurring <Rcrng>	[0..1]	±		117
	AggregationTransaction <AggtnTx>	[0..1]	±		118
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		118
	SaleItem <Saleitm>	[0..*]	±		118
	DeliveryLocation <DlvryLctn>	[0..1]	Text		119
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		119
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		119
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		119

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		120
	AdditionalInformation <AddtlInf>	[0..*]			120
	Identification <Id>	[1..1]	Text		120
	Value <Val>	[0..1]	Binary		120
	ProtectedValue <PrctcdVal>	[0..1]	±		120
	Type <Tp>	[0..1]	Text		121
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		121
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		121

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 1766

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

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 1766

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 1764

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 1766

3.4.2.2.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1764

3.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	104
	TotalAmount <TtlAmt>	[1..1]	Amount		104
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		104
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		104
	DetailedAmount <DtldAmt>	[0..1]	±		104
	RequestedAmount <ReqdAmt>	[0..1]	Amount		105
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		105
	InvoiceAmount <InvcAmt>	[0..1]	Amount		105
	ValidityDate <VldtyDt>	[0..1]	Date		105
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		105
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		106
	AccountType <AcctTp>	[0..1]	CodeSet		106
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			107
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		109
	Conversion <Convs>	[0..1]			109
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		111
	TargetCurrency <TrgtCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	111
	NumericCode <NmrcCd>	[1..1]	Text		111
	Decimal <Dcml>	[1..1]	Quantity		111
	Name <Nm>	[0..1]	Text		111
	ResultingAmount <RsltgAmt>	[0..1]	Amount		112
	ExchangeRate <XchgRate>	[1..1]	Rate		112
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		112
	QuotationDate <QtnDt>	[0..1]	DateTime		112
	ValidFrom <VldFr>	[0..1]	DateTime		112
	ValidUntil <VldUntil>	[0..1]	DateTime		112
	SourceCurrency <SrcCcy>	[1..1]			112
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	113
	NumericCode <NmrcCd>	[0..1]	Text		113
	Decimal <Dcml>	[0..1]	Quantity		113

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		113
	ApplicableBinRange <AplblBinRg>	[0..*]			113
	LowerBin <LwrBin>	[1..1]	Text		114
	HigherBin <HghrBin>	[1..1]	Text		114
	OriginalAmount <OrgnlAmt>	[0..1]			114
	ActualAmount <ActlAmt>	[0..1]	Amount		114
	MinimumAmount <MinAmt>	[0..1]	Amount		114
	MaximumAmount <MaxAmt>	[0..1]	Amount		114
	CommissionDetails <ComssnDtls>	[0..*]			115
	Amount <Amt>	[1..1]	Amount		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	MarkUpDetails <MrkUpDtls>	[0..*]			115
	Rate <Rate>	[1..1]	Rate		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	DeclarationDetails <DclrtDtls>	[0..*]	±		115
	Instalment <Instlmt>	[0..*]	±		116
	Recurring <Rcrng>	[0..1]	±		117
	AggregationTransaction <AggtTx>	[0..1]	±		118
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		118
	SaleItem <Saleitm>	[0..*]	±		118
	DeliveryLocation <DivryLctn>	[0..1]	Text		119
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		119
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		119
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		119
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		120
	AdditionalInformation <AddtlInf>	[0..*]			120
	Identification <Id>	[1..1]	Text		120
	Value <Val>	[0..1]	Binary		120
	ProtectedValue <PrctcdVal>	[0..1]	±		120
	Type <Tp>	[0..1]	Text		121
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		121

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 1705**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 1701**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 1701**3.4.2.2.7.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

3.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

3.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

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 1701

3.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

3.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

3.4.2.2.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1766

3.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.
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 **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		109
	Conversion <Convs>	[0..1]			109
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		111
	TargetCurrency <TrgtCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	111
	NumericCode <NmrcCd>	[1..1]	Text		111
	Decimal <Dcml>	[1..1]	Quantity		111
	Name <Nm>	[0..1]	Text		111
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		112
	ExchangeRate <XchgRate>	[1..1]	Rate		112
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		112
	QuotationDate <QtnDt>	[0..1]	DateTime		112
	ValidFrom <VldFr>	[0..1]	DateTime		112
	ValidUntil <VldUntil>	[0..1]	DateTime		112
	SourceCurrency <SrcCcy>	[1..1]			112
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	113
	NumericCode <NmrcCd>	[0..1]	Text		113
	Decimal <Dcml>	[0..1]	Quantity		113
	Name <Nm>	[0..1]	Text		113
	ApplicableBinRange <AplblBinRg>	[0..*]			113
	LowerBin <LwrBin>	[1..1]	Text		114
	HigherBin <HghrBin>	[1..1]	Text		114
	OriginalAmount <OrgnlAmt>	[0..1]			114
	ActualAmount <ActlAmt>	[0..1]	Amount		114
	MinimumAmount <MinAmt>	[0..1]	Amount		114
	MaximumAmount <MaxAmt>	[0..1]	Amount		114
	CommissionDetails <ComssnDtls>	[0..*]			115
	Amount <Amt>	[1..1]	Amount		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	MarkUpDetails <MrkUpDtls>	[0..*]			115

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	DeclarationDetails <DclrtnDtls>	[0..*]	±		115

3.4.2.2.7.13.1 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 1761):

- *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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		111
	TargetCurrency <TrgtCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	111
	NumericCode <NmrcCd>	[1..1]	Text		111
	Decimal <Dcml>	[1..1]	Quantity		111
	Name <Nm>	[0..1]	Text		111
	ResultingAmount <RsltAmt>	[0..1]	Amount		112
	ExchangeRate <XchgRate>	[1..1]	Rate		112
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		112
	QuotationDate <QtnDt>	[0..1]	DateTime		112
	ValidFrom <VldFr>	[0..1]	DateTime		112
	ValidUntil <VldUntil>	[0..1]	DateTime		112
	SourceCurrency <SrcCcy>	[1..1]			112
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	113
	NumericCode <NmrcCd>	[0..1]	Text		113
	Decimal <Dcml>	[0..1]	Quantity		113
	Name <Nm>	[0..1]	Text		113
	ApplicableBinRange <AplblBinRg>	[0..*]			113
	LowerBin <LwrBin>	[1..1]	Text		114
	HigherBin <HghrBin>	[1..1]	Text		114
	OriginalAmount <OrgnlAmt>	[0..1]			114
	ActualAmount <ActlAmt>	[0..1]	Amount		114
	MinimumAmount <MinAmt>	[0..1]	Amount		114
	MaximumAmount <MaxAmt>	[0..1]	Amount		114
	CommissionDetails <ComssnDtls>	[0..*]			115
	Amount <Amt>	[1..1]	Amount		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	MarkUpDetails <MrkUpDtls>	[0..*]			115
	Rate <Rate>	[1..1]	Rate		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115
	DeclarationDetails <DclrtDtls>	[0..*]	±		115

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 1766**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
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	111
	NumericCode <NmrcCd>	[1..1]	Text		111
	Decimal <Dcml>	[1..1]	Quantity		111
	Name <Nm>	[0..1]	Text		111

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 1705**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 1763**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 1762**3.4.2.2.7.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

3.4.2.2.7.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

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 1762

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 1762

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 1759

3.4.2.2.7.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

3.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

3.4.2.2.7.13.2.9 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	113
	NumericCode <NmrcCd>	[0..1]	Text		113
	Decimal <Dcml>	[0..1]	Quantity		113
	Name <Nm>	[0..1]	Text		113

3.4.2.2.7.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

3.4.2.2.7.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

3.4.2.2.7.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

3.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

3.4.2.2.7.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		114
	HigherBin <HghrBin>	[1..1]	Text		114

3.4.2.2.7.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

3.4.2.2.7.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

3.4.2.2.7.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		114
	MinimumAmount <MinAmt>	[0..1]	Amount		114
	MaximumAmount <MaxAmt>	[0..1]	Amount		114

3.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

3.4.2.2.7.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

3.4.2.2.7.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

3.4.2.2.7.13.2.12 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		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115

3.4.2.2.7.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**3.4.2.2.7.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**3.4.2.2.7.13.2.13 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		115
	AdditionalInformation <AddtlInf>	[0..1]	Text		115

3.4.2.2.7.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**3.4.2.2.7.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**3.4.2.2.7.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrCdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

3.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

3.4.2.2.7.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

3.4.2.2.7.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Lab>	[0..1]	Text		1609

3.4.2.2.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1763

3.4.2.2.7.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

3.4.2.2.7.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

3.4.2.2.7.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

3.4.2.2.7.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

3.4.2.2.7.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

3.4.2.2.7.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

3.4.2.2.7.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		120
	Value <Val>	[0..1]	Binary		120
	ProtectedValue <PrtctdVal>	[0..1]	±		120
	Type <Tp>	[0..1]	Text		121

3.4.2.2.7.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

3.4.2.2.7.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

3.4.2.2.7.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

3.4.2.2.7.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1763

3.4.2.2.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 1702

3.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "[Max70Text](#)" on page 1767

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 **CardPaymentTransaction132** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			124
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		124
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			125
	Response <Rspn>	[1..1]	CodeSet		125
	ResponseReason <RspnRsn>	[0..1]	Text		125
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		125
	AuthorisationCode <AuthstnCd>	[0..1]	Text		125
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		125
	TMSTrigger <TMSTrggr>	[0..1]			126
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		126
	TMSIdentification <TMSId>	[0..1]	Text		126
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		126
	AllowedProductCode <AllwdPdctCd>	[0..*]			126
	ProductCode <PdctCd>	[1..1]	Text		127
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		127
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			127
	ProductCode <PdctCd>	[1..1]	Text		127
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		127
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			127
	ProductCode <PdctCd>	[1..1]	Text		128
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		128
	AmountLimit <AmtLmt>	[0..1]	Amount		128
	QuantityLimit <QtyLmt>	[0..1]	Quantity		128
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		128
	Balance <Bal>	[0..1]	±		130
	ProtectedBalance <PrtctdBal>	[0..1]	±		130
	Action <Actn>	[0..*]			131
	ActionType <ActnTp>	[1..1]	CodeSet		131
	MessageToPresent <MsgToPres>	[0..1]	±		132
	RemoteAccess <RmotAccs>	[0..1]	±		133
	Retry <Rtry>	[0..1]	±		133

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		133
	CurrencyConversionEligibility <CcyConvslElgblty>	[0..1]			134
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		136
	TargetCurrency <TrgtCcy>	[1..1]			136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	136
	NumericCode <NmrcCd>	[1..1]	Text		136
	Decimal <Dcml>	[1..1]	Quantity		136
	Name <Nm>	[0..1]	Text		137
	ResultingAmount <RsltgAmt>	[0..1]	Amount		137
	ExchangeRate <XchgRate>	[1..1]	Rate		137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		137
	QuotationDate <QtnDt>	[0..1]	DateTime		137
	ValidFrom <VldFr>	[0..1]	DateTime		137
	ValidUntil <VldUntil>	[0..1]	DateTime		137
	SourceCurrency <SrcCcy>	[1..1]			137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	138
	NumericCode <NmrcCd>	[0..1]	Text		138
	Decimal <Dcml>	[0..1]	Quantity		138
	Name <Nm>	[0..1]	Text		138
	ApplicableBinRange <AplblBinRg>	[0..*]			138
	LowerBin <LwrBin>	[1..1]	Text		139
	HigherBin <HghrBin>	[1..1]	Text		139
	OriginalAmount <OrgnlAmt>	[0..1]			139
	ActualAmount <ActlAmt>	[0..1]	Amount		139
	MinimumAmount <MinAmt>	[0..1]	Amount		139
	MaximumAmount <MaxAmt>	[0..1]	Amount		139
	CommissionDetails <ComssnDtls>	[0..*]			140
	Amount <Amt>	[1..1]	Amount		140
	AdditionalInformation <AddtlInf>	[0..1]	Text		140
	MarkupDetails <MrkUpDtls>	[0..*]			140
	Rate <Rate>	[1..1]	Rate		140

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		140
	DeclarationDetails <DclrtnDtls>	[0..*]	±		140

3.4.2.3.1 AuthorisationResult <AuthstnRslt>

Presence: [1..1]

Definition: Outcome of the authorisation, and actions to perform.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		124
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			125
	Response <Rspn>	[1..1]	CodeSet		125
	ResponseReason <RspnRsn>	[0..1]	Text		125
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		125
	AuthorisationCode <AuthstnCd>	[0..1]	Text		125
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		125
	TMSTrigger <TMSTrggr>	[0..1]			126
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		126
	TMSIdentification <TMSId>	[0..1]	Text		126
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		126

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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

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
	Response <Rspn>	[1..1]	CodeSet		125
	ResponseReason <RspnRsn>	[0..1]	Text		125
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		125

3.4.2.3.1.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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 1766**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 1764**3.4.2.3.1.3 AuthorisationCode <AuthstnCd>***Presence:* [0..1]*Definition:* Value assigned by the authorising party.*Datatype:* "Max8Text" on page 1768**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 1761):

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

3.4.2.3.1.5 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructs the point of interaction (POI) how to contact the host to initiate the maintenance of the terminal.

TMSTrigger <TMSTrggr> contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		126
	TMSIdentification <TMSId>	[0..1]	Text		126
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		126

3.4.2.3.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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 1766

3.4.2.3.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1759

3.4.2.3.2 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		127
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		127

3.4.2.3.2.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1767

3.4.2.3.2.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1767

3.4.2.3.3 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		127
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		127

3.4.2.3.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1767

3.4.2.3.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1767

3.4.2.3.4 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		128
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		128
	AmountLimit <AmtLmt>	[0..1]	Amount		128
	QuantityLimit <QtyLmt>	[0..1]	Quantity		128
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		128

3.4.2.3.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1767

3.4.2.3.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1767

3.4.2.3.4.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

3.4.2.3.4.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1761

3.4.2.3.4.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1757

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.

3.4.2.3.5 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 1196 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1196
	Currency <Ccy>	[1..1]	CodeSet	C1	1196
	Sign <Sgn>	[0..1]	Indicator		1197

3.4.2.3.6 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType40](#)" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1675
	EnvelopedData <EnvlpdData>	[1..1]	±		1676

3.4.2.3.7 Action <Actn>*Presence:* [0..*]*Definition:* Set of actions to be performed by the POI (Point Of Interaction) system.**Action <Actn>** contains the following **Action15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		131
	MessageToPresent <MsgToPres>	[0..1]	±		132
	RemoteAccess <RmotAccs>	[0..1]	±		133
	Retry <Rtry>	[0..1]	±		133
	TimeCondition <TmCond>	[0..1]	±		133

3.4.2.3.7.1 ActionType <ActnTp>*Presence:* [1..1]*Definition:* Type of action to be performed by the POI (Point Of Interaction) system.*Datatype:* "ActionType13Code" on page 1704

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

CodeName	Name	Definition
		ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.

3.4.2.3.7.2 MessageToPresent <MsgToPres>

Presence: [0..1]

Definition: Message to be displayed to the cardholder or the cashier.

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage11](#)" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

3.4.2.3.7.3 RemoteAccess <RmotAccs>*Presence:* [0..1]*Definition:* Access information to reach the target host.**RemoteAccess <RmotAccs>** contains the following elements (see "[NetworkParameters7](#)" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1622
	NetworkType <NtwkTp>	[1..1]	CodeSet		1622
	AddressValue <AdrVal>	[1..1]	Text		1622
	UserName <UsrNm>	[0..1]	Text		1623
	AccessCode <AccsCd>	[0..1]	Binary		1623
	ServerCertificate <SvrCert>	[0..*]	Binary		1623
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1623
	ClientCertificate <CIntCert>	[0..*]	Binary		1623
	SecurityProfile <SctyPrfl>	[0..1]	Text		1623

3.4.2.3.7.4 Retry <Rtry>*Presence:* [0..1]*Definition:* Definition of retry process if activation of an action fails.**Retry <Rtry>** contains the following elements (see "[ProcessRetry3](#)" on page 1694 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		1694
	MaximumNumber <MaxNb>	[0..1]	Quantity		1694
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1694

3.4.2.3.7.5 TimeCondition <TmCond>*Presence:* [0..1]*Definition:* Timing condition for periodic exchanges.**TimeCondition <TmCond>** contains the following elements (see "[ProcessTiming6](#)" on page 1695 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		1695
	EndTime <EndTm>	[0..1]	DateTime		1695
	Period <Prd>	[0..1]	Text		1695
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1695

3.4.2.3.8 CurrencyConversionEligibility <CcyConvsElgblty>

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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		136
	TargetCurrency <TrgtCcy>	[1..1]			136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	136
	NumericCode <NmrcCd>	[1..1]	Text		136
	Decimal <Dcml>	[1..1]	Quantity		136
	Name <Nm>	[0..1]	Text		137
	ResultingAmount <RsltgAmt>	[0..1]	Amount		137
	ExchangeRate <XchgRate>	[1..1]	Rate		137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		137
	QuotationDate <QtnDt>	[0..1]	DateTime		137
	ValidFrom <VldFr>	[0..1]	DateTime		137
	ValidUntil <VldUntil>	[0..1]	DateTime		137
	SourceCurrency <SrcCcy>	[1..1]			137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	138
	NumericCode <NmrcCd>	[0..1]	Text		138
	Decimal <Dcml>	[0..1]	Quantity		138
	Name <Nm>	[0..1]	Text		138
	ApplicableBinRange <AplblBinRg>	[0..*]			138
	LowerBin <LwrBin>	[1..1]	Text		139
	HigherBin <HghrBin>	[1..1]	Text		139
	OriginalAmount <OrgnlAmt>	[0..1]			139
	ActualAmount <ActlAmt>	[0..1]	Amount		139
	MinimumAmount <MinAmt>	[0..1]	Amount		139
	MaximumAmount <MaxAmt>	[0..1]	Amount		139
	CommissionDetails <ComssnDtls>	[0..*]			140
	Amount <Amt>	[1..1]	Amount		140
	AdditionalInformation <AddtlInf>	[0..1]	Text		140
	MarkUpDetails <MrkUpDtls>	[0..*]			140
	Rate <Rate>	[1..1]	Rate		140
	AdditionalInformation <AddtlInf>	[0..1]	Text		140

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		140

3.4.2.3.8.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

3.4.2.3.8.2 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	136
	NumericCode <NmrcCd>	[1..1]	Text		136
	Decimal <Dcml>	[1..1]	Quantity		136
	Name <Nm>	[0..1]	Text		137

3.4.2.3.8.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

3.4.2.3.8.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1763

3.4.2.3.8.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1762

3.4.2.3.8.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

3.4.2.3.8.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

3.4.2.3.8.4 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 1762

3.4.2.3.8.5 InvertedExchangeRate <NvrtXdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1762

3.4.2.3.8.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

3.4.2.3.8.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

3.4.2.3.8.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

3.4.2.3.8.9 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	138
	NumericCode <NmrcCd>	[0..1]	Text		138
	Decimal <Dcml>	[0..1]	Quantity		138
	Name <Nm>	[0..1]	Text		138

3.4.2.3.8.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

3.4.2.3.8.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

3.4.2.3.8.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

3.4.2.3.8.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

3.4.2.3.8.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		139
	HigherBin <HghrBin>	[1..1]	Text		139

3.4.2.3.8.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

3.4.2.3.8.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

3.4.2.3.8.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		139
	MinimumAmount <MinAmt>	[0..1]	Amount		139
	MaximumAmount <MaxAmt>	[0..1]	Amount		139

3.4.2.3.8.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

3.4.2.3.8.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

3.4.2.3.8.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

3.4.2.3.8.12 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		140
	AdditionalInformation <AddtlInf>	[0..1]	Text		140

3.4.2.3.8.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**3.4.2.3.8.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**3.4.2.3.8.13 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		140
	AdditionalInformation <AddtlInf>	[0..1]	Text		140

3.4.2.3.8.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**3.4.2.3.8.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**3.4.2.3.8.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

3.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: C4 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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 elements (see "ContentInformationType37" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

4 caaa.003.001.13 AcceptorCompletionAdviceV13

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 AcceptorCompletionAdviceV13 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> <AccptrCmpltnAdv>	[1..1]			
	Header <Hdr>	[1..1]			149
	MessageFunction <MsgFctn>	[1..1]	CodeSet		150
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		151
	ExchangeIdentification <XchgId>	[1..1]	Quantity		152
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		152
	CreationDateTime <CreDtTm>	[1..1]	DateTime		152
	InitiatingParty <InitgPty>	[1..1]	±		152
	RecipientParty <RcptPty>	[0..1]	±		152
	Traceability <Tracblt>	[0..*]	±		153
	CompletionAdvice <CmpltnAdv>	[1..1]			153
	Environment <Envt>	[1..1]	±		158
	Context <Cntxt>	[0..1]	±		164
	Transaction <Tx>	[1..1]			167
	TransactionCapture <TxCaptr>	[0..1]	Indicator		172
	TransactionType <TxTp>	[0..1]	CodeSet		172
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		173
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		174
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		174
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		174
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		174
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		174
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		175
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		175
	TransactionIdentification <TxId>	[1..1]	±		175
	OriginalTransaction <OrgnlTx>	[0..1]	±		175
	TransactionSuccess <TxSucss>	[1..1]	Indicator		176
	Reversal <Rvsl>	[0..1]	Indicator		176
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		177
	FailureReason <FailrRsn>	[0..*]	CodeSet		177

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		177
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		178
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		178
	InterchangeData <IntrchgData>	[0..1]	Text		178
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		178
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		178
	TransactionDetails <TxDtls>	[1..1]			178
	Currency <Ccy>	[0..1]	CodeSet	C1	181
	TotalAmount <TtlAmt>	[1..1]	Amount		181
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		181
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		181
	DetailedAmount <DtlAmt>	[0..1]	±		181
	RequestedAmount <ReqdAmt>	[0..1]	Amount		182
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		182
	InvoiceAmount <InvcAmt>	[0..1]	Amount		182
	ValidityDate <VldtyDt>	[0..1]	Date		182
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		182
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		183
	AccountType <AcctTp>	[0..1]	CodeSet		183
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			184
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		186
	Conversion <Convs>	[0..1]			186
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		188
	TargetCurrency <TrgtCcy>	[1..1]			188
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	188
	NumericCode <NmrcCd>	[1..1]	Text		188
	Decimal <Dcml>	[1..1]	Quantity		188
	Name <Nm>	[0..1]	Text		188
	ResultingAmount <RsltgAmt>	[0..1]	Amount		189
	ExchangeRate <XchgRate>	[1..1]	Rate		189
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		189

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		189
	ValidFrom <VldFr>	[0..1]	DateTime		189
	ValidUntil <VldUntil>	[0..1]	DateTime		189
	SourceCurrency <SrcCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	190
	NumericCode <NmrcCd>	[0..1]	Text		190
	Decimal <Dcml>	[0..1]	Quantity		190
	Name <Nm>	[0..1]	Text		190
	ApplicableBinRange <AplblBinRg>	[0..*]			190
	LowerBin <LwrBin>	[1..1]	Text		191
	HigherBin <HghrBin>	[1..1]	Text		191
	OriginalAmount <OrgnlAmt>	[0..1]			191
	ActualAmount <ActlAmt>	[0..1]	Amount		191
	MinimumAmount <MinAmt>	[0..1]	Amount		191
	MaximumAmount <MaxAmt>	[0..1]	Amount		191
	CommissionDetails <ComssnDtls>	[0..*]			192
	Amount <Amt>	[1..1]	Amount		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	MarkUpDetails <MrkUpDtls>	[0..*]			192
	Rate <Rate>	[1..1]	Rate		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	DeclarationDetails <DclrtDtls>	[0..*]	±		192
	Instalment <Instlmt>	[0..*]	±		193
	Recurring <Rcrng>	[0..1]	±		194
	AggregationTransaction <AggtnTx>	[0..1]	±		195
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		195
	SaleItem <SaleItm>	[0..*]	±		195
	DeliveryLocation <DlvryLctn>	[0..1]	Text		196
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		196
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		196
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		196

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		197
	AdditionalInformation <AddtlInf>	[0..*]			197
	Identification <Id>	[1..1]	Text		197
	Value <Val>	[0..1]	Binary		197
	ProtectedValue <PrctcdVal>	[0..1]	±		197
	Type <Tp>	[0..1]	Text		198
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		198
	AuthorisationResult <AuthstnRslt>	[0..1]			198
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		198
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			199
	Response <Rspn>	[1..1]	CodeSet		199
	ResponseReason <RspnRsn>	[0..1]	Text		199
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		200
	AuthorisationCode <AuthstnCd>	[0..1]	Text		200
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		200
	AccountFrom <AcctFr>	[0..1]			200
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		201
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		202
	AccountName <AcctNm>	[0..1]	Text		202
	AccountOwner <AcctOwnr>	[0..1]			203
	Name <Nm>	[1..1]	Text		203
	Address <Adr>	[1..1]	±		203
	Currency <Ccy>	[0..1]	CodeSet	C1	203
	AccountIdentifier <Acctldr>	[0..1]			204
{Or	Card <Card>	[1..1]	Text		204
Or	MSISDN <MSISDN>	[1..1]	Text		204
Or	EMail <EMail>	[1..1]	Text		204
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	204
Or	BBAN <BBAN>	[1..1]	IdentifierSet		205
Or	UPIC <UPIC>	[1..1]	IdentifierSet		205
Or	Domestic <Dmst>	[1..1]	Text		205

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	Other <Othr>	[1..1]	Text		205
	Servicer <Svcr>	[0..1]			205
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	206
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		206
	AccountTo <AcctTo>	[0..1]			206
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		207
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		208
	AccountName <AcctNm>	[0..1]	Text		208
	AccountOwner <AcctOwnr>	[0..1]			209
	Name <Nm>	[1..1]	Text		209
	Address <Adr>	[1..1]	±		209
	Currency <Ccy>	[0..1]	CodeSet	C1	209
	AccountIdentifier <AcctIdr>	[0..1]			210
{Or	Card <Card>	[1..1]	Text		210
Or	MSISDN <MSISDN>	[1..1]	Text		210
Or	EMail <EMail>	[1..1]	Text		210
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	210
Or	BBAN <BBAN>	[1..1]	IdentifierSet		211
Or	UPIC <UPIC>	[1..1]	IdentifierSet		211
Or	Domestic <Dmst>	[1..1]	Text		211
Or}	Other <Othr>	[1..1]	Text		211
	Servicer <Svcr>	[0..1]			211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	212
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		212
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		212
	SupplementaryData <SplmtryData>	[0..*]	±	C6	212
	SecurityTrailer <SctyTrlr>	[0..1]	±		213

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 CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

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.

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		150
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		151
	ExchangeIdentification <XchgId>	[1..1]	Quantity		152
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		152
	CreationDateTime <CreDtTm>	[1..1]	DateTime		152
	InitiatingParty <InitgPty>	[1..1]	±		152
	RecipientParty <RcptPty>	[0..1]	±		152
	Traceability <Tracblt>	[0..*]	±		153

4.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

4.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

4.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

4.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

4.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

4.4.2 CompletionAdvice <CmpltnAdv>

Presence: [1..1]

Definition: Information related to the completion advice.

CompletionAdvice <CmpltnAdvc> contains the following **AcceptorCompletionAdvice13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		158
	Context <Cntxt>	[0..1]	±		164
	Transaction <Tx>	[1..1]			167
	TransactionCapture <TxCaptr>	[0..1]	Indicator		172
	TransactionType <TxTp>	[0..1]	CodeSet		172
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		173
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		174
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		174
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		174
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		174
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		174
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		175
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		175
	TransactionIdentification <TxId>	[1..1]	±		175
	OriginalTransaction <OrgnlTx>	[0..1]	±		175
	TransactionSuccess <TxSucss>	[1..1]	Indicator		176
	Reversal <Rvsl>	[0..1]	Indicator		176
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		177
	FailureReason <FailrRsn>	[0..*]	CodeSet		177
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		177
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		178
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		178
	InterchangeData <IntrchnngData>	[0..1]	Text		178
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		178
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		178
	TransactionDetails <TxDtls>	[1..1]			178
	Currency <Ccy>	[0..1]	CodeSet	C1	181
	TotalAmount <TtlAmt>	[1..1]	Amount		181
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		181
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		181
	DetailedAmount <DtldAmt>	[0..1]	±		181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		182
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		182
	InvoiceAmount <InvcAmt>	[0..1]	Amount		182
	ValidityDate <VldtyDt>	[0..1]	Date		182
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		182
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		183
	AccountType <AcctTp>	[0..1]	CodeSet		183
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			184
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		186
	Conversion <Convs>	[0..1]			186
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		188
	TargetCurrency <TrgtCcy>	[1..1]			188
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	188
	NumericCode <NmrcCd>	[1..1]	Text		188
	Decimal <Dcml>	[1..1]	Quantity		188
	Name <Nm>	[0..1]	Text		188
	ResultingAmount <RsltgAmt>	[0..1]	Amount		189
	ExchangeRate <XchgRate>	[1..1]	Rate		189
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		189
	QuotationDate <QtnDt>	[0..1]	DateTime		189
	ValidFrom <VldFr>	[0..1]	DateTime		189
	ValidUntil <VldUntil>	[0..1]	DateTime		189
	SourceCurrency <SrcCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	190
	NumericCode <NmrcCd>	[0..1]	Text		190
	Decimal <Dcml>	[0..1]	Quantity		190
	Name <Nm>	[0..1]	Text		190
	ApplicableBinRange <AplblBinRg>	[0..*]			190
	LowerBin <LwrBin>	[1..1]	Text		191
	HigherBin <HghrBin>	[1..1]	Text		191
	OriginalAmount <OrgnlAmt>	[0..1]			191

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		191
	MinimumAmount <MinAmt>	[0..1]	Amount		191
	MaximumAmount <MaxAmt>	[0..1]	Amount		191
	CommissionDetails <ComssnDtls>	[0..*]			192
	Amount <Amt>	[1..1]	Amount		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	MarkUpDetails <MrkUpDtls>	[0..*]			192
	Rate <Rate>	[1..1]	Rate		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	DeclarationDetails <DclrtnDtls>	[0..*]	±		192
	Instalment <Instlmt>	[0..*]	±		193
	Recurring <Rcrng>	[0..1]	±		194
	AggregationTransaction <AggtnTx>	[0..1]	±		195
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		195
	SaleItem <Saleitm>	[0..*]	±		195
	DeliveryLocation <DlvryLctn>	[0..1]	Text		196
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		196
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		196
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		196
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		197
	AdditionalInformation <AddtlInf>	[0..*]			197
	Identification <Id>	[1..1]	Text		197
	Value <Val>	[0..1]	Binary		197
	ProtectedValue <PrctcdVal>	[0..1]	±		197
	Type <Tp>	[0..1]	Text		198
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		198
	AuthorisationResult <AuthstnRslt>	[0..1]			198
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		198
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			199
	Response <Rspn>	[1..1]	CodeSet		199
	ResponseReason <RspnRsn>	[0..1]	Text		199

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		200
	AuthorisationCode <AuthstnCd>	[0..1]	Text		200
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		200
	AccountFrom <AcctFr>	[0..1]			200
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		201
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		202
	AccountName <AcctNm>	[0..1]	Text		202
	AccountOwner <AcctOwnr>	[0..1]			203
	Name <Nm>	[1..1]	Text		203
	Address <Adr>	[1..1]	±		203
	Currency <Ccy>	[0..1]	CodeSet	C1	203
	AccountIdentifier <Acctldr>	[0..1]			204
{Or	Card <Card>	[1..1]	Text		204
Or	MSISDN <MSISDN>	[1..1]	Text		204
Or	EMail <EMail>	[1..1]	Text		204
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	204
Or	BBAN <BBAN>	[1..1]	IdentifierSet		205
Or	UPIC <UPIC>	[1..1]	IdentifierSet		205
Or	Domestic <Dmst>	[1..1]	Text		205
Or}	Other <Othr>	[1..1]	Text		205
	Servicer <Svcr>	[0..1]			205
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	206
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		206
	AccountTo <AcctTo>	[0..1]			206
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		207
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		208
	AccountName <AcctNm>	[0..1]	Text		208
	AccountOwner <AcctOwnr>	[0..1]			209
	Name <Nm>	[1..1]	Text		209
	Address <Adr>	[1..1]	±		209
	Currency <Ccy>	[0..1]	CodeSet	C1	209

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountIdentifier <AcctIdr>	[0..1]			210
{Or	Card <Card>	[1..1]	Text		210
Or	MSISDN <MSISDN>	[1..1]	Text		210
Or	EMail <EMail>	[1..1]	Text		210
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	210
Or	BBAN <BBAN>	[1..1]	IdentifierSet		211
Or	UPIC <UPIC>	[1..1]	IdentifierSet		211
Or	Domestic <Dmst>	[1..1]	Text		211
Or}	Other <Othr>	[1..1]	Text		211
	Servicer <Svcr>	[0..1]			211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	212
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		212
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		212
	SupplementaryData <SplmtryData>	[0..*]	±	C6	212

4.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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 "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

4.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction135** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		172
	TransactionType <TxTp>	[0..1]	CodeSet		172
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		173
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		174
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		174
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		174
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		174
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		174
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		175
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		175
	TransactionIdentification <TxId>	[1..1]	±		175
	OriginalTransaction <OrgnlTx>	[0..1]	±		175
	TransactionSuccess <TxSucss>	[1..1]	Indicator		176
	Reversal <Rvsl>	[0..1]	Indicator		176
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		177
	FailureReason <FailRsn>	[0..*]	CodeSet		177
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		177
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		178
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		178
	InterchangeData <IntrchnngData>	[0..1]	Text		178
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		178
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		178
	TransactionDetails <TxDtls>	[1..1]			178
	Currency <Ccy>	[0..1]	CodeSet	C1	181
	TotalAmount <TtlAmt>	[1..1]	Amount		181
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		181
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		181
	DetailedAmount <DtlAmt>	[0..1]	±		181
	RequestedAmount <ReqdAmt>	[0..1]	Amount		182
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		182
	InvoiceAmount <InvAmt>	[0..1]	Amount		182

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		182
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		182
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		183
	AccountType <AcctTp>	[0..1]	CodeSet		183
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			184
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		186
	Conversion <Convs>	[0..1]			186
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		188
	TargetCurrency <TrgtCcy>	[1..1]			188
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	188
	NumericCode <NmrcCd>	[1..1]	Text		188
	Decimal <Dcml>	[1..1]	Quantity		188
	Name <Nm>	[0..1]	Text		188
	ResultingAmount <RsltAmt>	[0..1]	Amount		189
	ExchangeRate <XchgRate>	[1..1]	Rate		189
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		189
	QuotationDate <QtnDt>	[0..1]	DateTime		189
	ValidFrom <VldFr>	[0..1]	DateTime		189
	ValidUntil <VldUntil>	[0..1]	DateTime		189
	SourceCurrency <SrcCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	190
	NumericCode <NmrcCd>	[0..1]	Text		190
	Decimal <Dcml>	[0..1]	Quantity		190
	Name <Nm>	[0..1]	Text		190
	ApplicableBinRange <AplblBinRng>	[0..*]			190
	LowerBin <LwrBin>	[1..1]	Text		191
	HigherBin <HghrBin>	[1..1]	Text		191
	OriginalAmount <OrgnlAmt>	[0..1]			191
	ActualAmount <ActlAmt>	[0..1]	Amount		191
	MinimumAmount <MinAmt>	[0..1]	Amount		191
	MaximumAmount <MaxAmt>	[0..1]	Amount		191

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			192
	Amount <Amt>	[1..1]	Amount		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	MarkUpDetails <MrkUpDtls>	[0..*]			192
	Rate <Rate>	[1..1]	Rate		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	DeclarationDetails <DclrtnDtls>	[0..*]	±		192
	Instalment <Instlmt>	[0..*]	±		193
	Recurring <Rcrng>	[0..1]	±		194
	AggregationTransaction <AggtnTx>	[0..1]	±		195
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		195
	SaleItem <Saleitm>	[0..*]	±		195
	DeliveryLocation <DlvryLctn>	[0..1]	Text		196
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		196
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		196
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		196
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		197
	AdditionalInformation <AddtlInf>	[0..*]			197
	Identification <Id>	[1..1]	Text		197
	Value <Val>	[0..1]	Binary		197
	ProtectedValue <PrctcdVal>	[0..1]	±		197
	Type <Tp>	[0..1]	Text		198
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		198
	AuthorisationResult <AuthstnRslt>	[0..1]			198
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		198
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			199
	Response <Rspn>	[1..1]	CodeSet		199
	ResponseReason <RspnRsn>	[0..1]	Text		199
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		200
	AuthorisationCode <AuthstnCd>	[0..1]	Text		200
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		200

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			200
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		201
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		202
	AccountName <AcctNm>	[0..1]	Text		202
	AccountOwner <AcctOwnr>	[0..1]			203
	Name <Nm>	[1..1]	Text		203
	Address <Adr>	[1..1]	±		203
	Currency <Ccy>	[0..1]	CodeSet	C1	203
	AccountIdentifier <AcctIdr>	[0..1]			204
{Or	Card <Card>	[1..1]	Text		204
Or	MSISDN <MSISDN>	[1..1]	Text		204
Or	EMail <EMail>	[1..1]	Text		204
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	204
Or	BBAN <BBAN>	[1..1]	IdentifierSet		205
Or	UPIC <UPIC>	[1..1]	IdentifierSet		205
Or	Domestic <Dmst>	[1..1]	Text		205
Or}	Other <Othr>	[1..1]	Text		205
	Servicer <Svcr>	[0..1]			205
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	206
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		206
	AccountTo <AcctTo>	[0..1]			206
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		207
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		208
	AccountName <AcctNm>	[0..1]	Text		208
	AccountOwner <AcctOwnr>	[0..1]			209
	Name <Nm>	[1..1]	Text		209
	Address <Adr>	[1..1]	±		209
	Currency <Ccy>	[0..1]	CodeSet	C1	209
	AccountIdentifier <AcctIdr>	[0..1]			210
{Or	Card <Card>	[1..1]	Text		210
Or	MSISDN <MSISDN>	[1..1]	Text		210

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	E Mail <EMail>	[1..1]	Text		210
Or	I BAN <IBAN>	[1..1]	IdentifierSet	C5	210
Or	B BAN <BBAN>	[1..1]	IdentifierSet		211
Or	U PIC <UPIC>	[1..1]	IdentifierSet		211
Or	D omestic <Dmst>	[1..1]	Text		211
Or}	O ther <Othr>	[1..1]	Text		211
	S ervicer <Svcr>	[0..1]			211
{Or	A nyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	212
Or}	P roprietaryIdentification <PrtryId>	[1..1]	±		212
	A dditionalTransactionData <AddtlTxData>	[0..*]	Text		212

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 1761](#)):

- *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 1723](#)

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.

CodeName	Name	Definition
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.

4.4.2.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1725

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:* "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of 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 1761):

- *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 1769**4.4.2.3.7 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 1761):

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

4.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>*Presence:* [0..*]*Definition:* Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.*Datatype:* "Max35Text" on page 1766

4.4.2.3.9 CardProgrammeApplied <CardPrgrmmApId>*Presence:* [0..1]*Definition:* Specifies 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 1766**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 1766**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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

4.4.2.3.12 OriginalTransaction <OrgnITx>*Presence:* [0..1]*Definition:* Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1438 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIID>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

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 1761):

- *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 1761):

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

4.4.2.3.15 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 1761):

- *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 1730

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.

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 1766

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 1764

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 1766

4.4.2.3.20 InterchangeData <IntrchnngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1764

4.4.2.3.21 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

4.4.2.3.22 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

4.4.2.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	181
	TotalAmount <TtlAmt>	[1..1]	Amount		181
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		181
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		181
	DetailedAmount <DtldAmt>	[0..1]	±		181
	RequestedAmount <ReqdAmt>	[0..1]	Amount		182
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		182
	InvoiceAmount <InvcAmt>	[0..1]	Amount		182
	ValidityDate <VldtyDt>	[0..1]	Date		182
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		182
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		183
	AccountType <AcctTp>	[0..1]	CodeSet		183
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			184
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		186
	Conversion <Convs>	[0..1]			186
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		188
	TargetCurrency <TrgtCcy>	[1..1]			188
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	188
	NumericCode <NmrcCd>	[1..1]	Text		188
	Decimal <Dcml>	[1..1]	Quantity		188
	Name <Nm>	[0..1]	Text		188
	ResultingAmount <RsltgAmt>	[0..1]	Amount		189
	ExchangeRate <XchgRate>	[1..1]	Rate		189
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		189
	QuotationDate <QtnDt>	[0..1]	DateTime		189
	ValidFrom <VldFr>	[0..1]	DateTime		189
	ValidUntil <VldUntil>	[0..1]	DateTime		189
	SourceCurrency <SrcCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	190
	NumericCode <NmrcCd>	[0..1]	Text		190
	Decimal <Dcml>	[0..1]	Quantity		190

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		190
	ApplicableBinRange <AplblBinRg>	[0..*]			190
	LowerBin <LwrBin>	[1..1]	Text		191
	HigherBin <HghrBin>	[1..1]	Text		191
	OriginalAmount <OrgnlAmt>	[0..1]			191
	ActualAmount <ActlAmt>	[0..1]	Amount		191
	MinimumAmount <MinAmt>	[0..1]	Amount		191
	MaximumAmount <MaxAmt>	[0..1]	Amount		191
	CommissionDetails <ComssnDtls>	[0..*]			192
	Amount <Amt>	[1..1]	Amount		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	MarkUpDetails <MrkUpDtls>	[0..*]			192
	Rate <Rate>	[1..1]	Rate		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	DeclarationDetails <Dclrtndtls>	[0..*]	±		192
	Instalment <Instlmt>	[0..*]	±		193
	Recurring <Rcrng>	[0..1]	±		194
	AggregationTransaction <AggtTx>	[0..1]	±		195
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		195
	SaleItem <Saleitm>	[0..*]	±		195
	DeliveryLocation <DivryLctn>	[0..1]	Text		196
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		196
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		196
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		196
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		197
	AdditionalInformation <AddtlInf>	[0..*]			197
	Identification <Id>	[1..1]	Text		197
	Value <Val>	[0..1]	Binary		197
	ProtectedValue <PrctcdVal>	[0..1]	±		197
	Type <Tp>	[0..1]	Text		198
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		198

4.4.2.3.23.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

4.4.2.3.23.2 TotalAmount <TtlAmt>*Presence:* [1..1]*Definition:* Total amount of the transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**4.4.2.3.23.3 CumulativeAmount <CmltvAmt>***Presence:* [0..1]*Definition:* Contains the updated amount of all authorisations related to the same business transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**4.4.2.3.23.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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.
RESD	Reserved	Reserved or updated reserved amount for reservation.

4.4.2.3.23.5 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 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

4.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

4.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

4.4.2.3.23.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

4.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

4.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

4.4.2.3.23.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1766

4.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

4.4.2.3.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		186
	Conversion <Convs>	[0..1]			186
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		188
	TargetCurrency <TrgtCcy>	[1..1]			188
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	188
	NumericCode <NmrcCd>	[1..1]	Text		188
	Decimal <Dcml>	[1..1]	Quantity		188
	Name <Nm>	[0..1]	Text		188
	ResultingAmount <RsltgAmt>	[0..1]	Amount		189
	ExchangeRate <XchgRate>	[1..1]	Rate		189
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		189
	QuotationDate <QtnDt>	[0..1]	DateTime		189
	ValidFrom <VldFr>	[0..1]	DateTime		189
	ValidUntil <VldUntil>	[0..1]	DateTime		189
	SourceCurrency <SrcCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	190
	NumericCode <NmrcCd>	[0..1]	Text		190
	Decimal <Dcml>	[0..1]	Quantity		190
	Name <Nm>	[0..1]	Text		190
	ApplicableBinRange <AplblBinRg>	[0..*]			190
	LowerBin <LwrBin>	[1..1]	Text		191
	HigherBin <HghrBin>	[1..1]	Text		191
	OriginalAmount <OrgnlAmt>	[0..1]			191
	ActualAmount <ActlAmt>	[0..1]	Amount		191
	MinimumAmount <MinAmt>	[0..1]	Amount		191
	MaximumAmount <MaxAmt>	[0..1]	Amount		191
	CommissionDetails <ComssnDtls>	[0..*]			192
	Amount <Amt>	[1..1]	Amount		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	MarkUpDetails <MrkUpDtls>	[0..*]			192

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	DeclarationDetails <DclrtnDtls>	[0..*]	±		192

4.4.2.3.23.13.1 AcceptedByCardholder <AcptdByCrdhdr>

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 1761):

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

4.4.2.3.23.13.2 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		188
	TargetCurrency <TrgtCcy>	[1..1]			188
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	188
	NumericCode <NmrcCd>	[1..1]	Text		188
	Decimal <Dcml>	[1..1]	Quantity		188
	Name <Nm>	[0..1]	Text		188
	ResultingAmount <RsltAmt>	[0..1]	Amount		189
	ExchangeRate <XchgRate>	[1..1]	Rate		189
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		189
	QuotationDate <QtnDt>	[0..1]	DateTime		189
	ValidFrom <VldFr>	[0..1]	DateTime		189
	ValidUntil <VldUntil>	[0..1]	DateTime		189
	SourceCurrency <SrcCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	190
	NumericCode <NmrcCd>	[0..1]	Text		190
	Decimal <Dcml>	[0..1]	Quantity		190
	Name <Nm>	[0..1]	Text		190
	ApplicableBinRange <AplblBinRg>	[0..*]			190
	LowerBin <LwrBin>	[1..1]	Text		191
	HigherBin <HghrBin>	[1..1]	Text		191
	OriginalAmount <OrgnlAmt>	[0..1]			191
	ActualAmount <ActlAmt>	[0..1]	Amount		191
	MinimumAmount <MinAmt>	[0..1]	Amount		191
	MaximumAmount <MaxAmt>	[0..1]	Amount		191
	CommissionDetails <ComssnDtls>	[0..*]			192
	Amount <Amt>	[1..1]	Amount		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	MarkUpDetails <MrkUpDtls>	[0..*]			192
	Rate <Rate>	[1..1]	Rate		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192
	DeclarationDetails <DclrtDtls>	[0..*]	±		192

4.4.2.3.23.13.2.1 CurrencyConversionIdentification <CcyConvslId>*Presence:* [0..1]*Definition:* Identification of the currency conversion operation for the service provider.*Datatype:* "Max35Text" on page 1766**4.4.2.3.23.13.2.2 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	188
	NumericCode <NmrcCd>	[1..1]	Text		188
	Decimal <Dcml>	[1..1]	Quantity		188
	Name <Nm>	[0..1]	Text		188

4.4.2.3.23.13.2.2.1 AlphaCode <AlphaCd>*Presence:* [1..1]*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

4.4.2.3.23.13.2.2.2 NumericCode <NmrcCd>*Presence:* [1..1]*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).*Datatype:* "Exact3NumericText" on page 1763**4.4.2.3.23.13.2.2.3 Decimal <Dcml>***Presence:* [1..1]*Definition:* Maximal number of digits after the decimal separator for the currency.*Datatype:* "Number" on page 1762**4.4.2.3.23.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

4.4.2.3.23.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

4.4.2.3.23.13.2.4 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 1762

4.4.2.3.23.13.2.5 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 1762

4.4.2.3.23.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

4.4.2.3.23.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

4.4.2.3.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

4.4.2.3.23.13.2.9 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	190
	NumericCode <NmrcCd>	[0..1]	Text		190
	Decimal <Dcml>	[0..1]	Quantity		190
	Name <Nm>	[0..1]	Text		190

4.4.2.3.23.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

4.4.2.3.23.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

4.4.2.3.23.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

4.4.2.3.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

4.4.2.3.23.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		191
	HigherBin <HghrBin>	[1..1]	Text		191

4.4.2.3.23.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

4.4.2.3.23.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

4.4.2.3.23.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		191
	MinimumAmount <MinAmt>	[0..1]	Amount		191
	MaximumAmount <MaxAmt>	[0..1]	Amount		191

4.4.2.3.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

4.4.2.3.23.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

4.4.2.3.23.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

4.4.2.3.23.13.2.12 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		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192

4.4.2.3.23.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**4.4.2.3.23.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**4.4.2.3.23.13.2.13 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		192
	AdditionalInformation <AddtlInf>	[0..1]	Text		192

4.4.2.3.23.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**4.4.2.3.23.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**4.4.2.3.23.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

4.4.2.3.23.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

4.4.2.3.23.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see ["RecurringTransaction6"](#) on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

4.4.2.3.23.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see ["AggregationTransaction3"](#) on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Labl>	[0..1]	Text		1609

4.4.2.3.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: ["Max10Text"](#) on page 1763

4.4.2.3.23.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

4.4.2.3.23.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

4.4.2.3.23.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

4.4.2.3.23.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

4.4.2.3.23.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

4.4.2.3.23.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

4.4.2.3.23.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		197
	Value <Val>	[0..1]	Binary		197
	ProtectedValue <PrtctdVal>	[0..1]	±		197
	Type <Tp>	[0..1]	Text		198

4.4.2.3.23.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

4.4.2.3.23.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

4.4.2.3.23.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

4.4.2.3.23.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1763

4.4.2.3.23.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 1702

4.4.2.3.24 AuthorisationResult <AuthstnRsIt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

AuthorisationResult <AuthstnRsIt> contains the following **AuthorisationResult18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		198
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			199
	Response <Rspn>	[1..1]	CodeSet		199
	ResponseReason <RspnRsn>	[0..1]	Text		199
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		200
	AuthorisationCode <AuthstnCd>	[0..1]	Text		200

4.4.2.3.24.1 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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

4.4.2.3.24.2 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		199
	ResponseReason <RspnRsn>	[0..1]	Text		199
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		200

4.4.2.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1748

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).

4.4.2.3.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1766

4.4.2.3.24.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1764

4.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1768

4.4.2.3.25 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1767

4.4.2.3.26 AccountFrom <AcctFr>

Presence: [0..1]

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

AccountFrom <AcctFr> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		201
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		202
	AccountName <AcctNm>	[0..1]	Text		202
	AccountOwner <AcctOwnr>	[0..1]			203
	Name <Nm>	[1..1]	Text		203
	Address <Adr>	[1..1]	±		203
	Currency <Ccy>	[0..1]	CodeSet	C1	203
	AccountIdentifier <AcctIdr>	[0..1]			204
{Or	Card <Card>	[1..1]	Text		204
Or	MSISDN <MSISDN>	[1..1]	Text		204
Or	EMail <EMail>	[1..1]	Text		204
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	204
Or	BBAN <BBAN>	[1..1]	IdentifierSet		205
Or	UPIC <UPIC>	[1..1]	IdentifierSet		205
Or	Domestic <Dmst>	[1..1]	Text		205
Or}	Other <Othr>	[1..1]	Text		205
	Servicer <Svcr>	[0..1]			205
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	206
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		206

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 1704

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 1720

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 1767

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
	Name <Nm>	[1..1]	Text		203
	Address <Adr>	[1..1]	±		203

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 1767

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 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

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 1705

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 **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		204
Or	MSISDN <MSISDN>	[1..1]	Text		204
Or	EMail <EMail>	[1..1]	Text		204
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	204
Or	BBAN <BBAN>	[1..1]	IdentifierSet		205
Or	UPIC <UPIC>	[1..1]	IdentifierSet		205
Or	Domestic <Dmst>	[1..1]	Text		205
Or}	Other <Othr>	[1..1]	Text		205

4.4.2.3.26.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

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 1764

4.4.2.3.26.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

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: "IBAN2007Identifier" on page 1760

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 1760

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 1761

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 1766

4.4.2.3.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

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	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	206
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		206

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 1760

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

4.4.2.3.27 AccountTo <AcctTo>

Presence: [0..1]

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

AccountTo <AcctTo> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		207
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		208
	AccountName <AcctNm>	[0..1]	Text		208
	AccountOwner <AcctOwnr>	[0..1]			209
	Name <Nm>	[1..1]	Text		209
	Address <Adr>	[1..1]	±		209
	Currency <Ccy>	[0..1]	CodeSet	C1	209
	AccountIdentifier <AcctIdr>	[0..1]			210
{Or	Card <Card>	[1..1]	Text		210
Or	MSISDN <MSISDN>	[1..1]	Text		210
Or	EMail <EMail>	[1..1]	Text		210
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	210
Or	BBAN <BBAN>	[1..1]	IdentifierSet		211
Or	UPIC <UPIC>	[1..1]	IdentifierSet		211
Or	Domestic <Dmst>	[1..1]	Text		211
Or}	Other <Othr>	[1..1]	Text		211
	Servicer <Svcr>	[0..1]			211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	212
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		212

4.4.2.3.27.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

4.4.2.3.27.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

4.4.2.3.27.3 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 1767

4.4.2.3.27.4 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		209
	Address <Adr>	[1..1]	±		209

4.4.2.3.27.4.1 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 1767

4.4.2.3.27.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

4.4.2.3.27.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

4.4.2.3.27.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		210
Or	MSISDN <MSISDN>	[1..1]	Text		210
Or	EMail <EMail>	[1..1]	Text		210
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	210
Or	BBAN <BBAN>	[1..1]	IdentifierSet		211
Or	UPIC <UPIC>	[1..1]	IdentifierSet		211
Or	Domestic <Dmst>	[1..1]	Text		211
Or}	Other <Othr>	[1..1]	Text		211

4.4.2.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

4.4.2.3.27.6.2 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 1764

4.4.2.3.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

4.4.2.3.27.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

4.4.2.3.27.6.5 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 1760

4.4.2.3.27.6.6 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 1761

4.4.2.3.27.6.7 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 1766

4.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

4.4.2.3.27.7 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	212
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		212

4.4.2.3.27.7.1 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 1760

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.

4.4.2.3.27.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

4.4.2.3.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1767

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 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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 elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

5 **caaa.004.001.12**

AcceptorCompletionAdviceResponseV12

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 AcceptorCompletionAdviceResponseV12 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> <AccptrCmpltnAdvcRspn>	[1..1]			
	Header <Hdr>	[1..1]			216
	MessageFunction <MsgFctn>	[1..1]	CodeSet		216
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		218
	ExchangeIdentification <XchgId>	[1..1]	Quantity		218
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		218
	CreationDateTime <CreDtTm>	[1..1]	DateTime		218
	InitiatingParty <InitgPty>	[1..1]	±		218
	RecipientParty <RcptPty>	[0..1]	±		219
	Traceability <Tracblt>	[0..*]	±		219
	CompletionAdviceResponse <CmpltnAdvcRspn>	[1..1]			220
	Environment <Envt>	[1..1]	±		220
	Transaction <Tx>	[1..1]			226
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		227
	TransactionIdentification <TxId>	[1..1]	±		227
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		227
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		227
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		227
	Response <Rspn>	[1..1]	CodeSet		227
	TMSTrigger <TMSTrggr>	[0..1]			228
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		228
	TMSIdentification <TMSId>	[0..1]	Text		228
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		228
	SupplementaryData <SplmtryData>	[0..*]	±	C3	228
	SecurityTrailer <SctyTrlr>	[0..1]	±		229

5.3 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.

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 Header70 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		216
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		218
	ExchangeIdentification <XchgId>	[1..1]	Quantity		218
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		218
	CreationDateTime <CreDtTm>	[1..1]	DateTime		218
	InitiatingParty <InitgPty>	[1..1]	±		218
	RecipientParty <RcptPty>	[0..1]	±		219
	Traceability <Tracblt>	[0..*]	±		219

5.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

5.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

5.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

5.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

5.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

5.4.2 CompletionAdviceResponse <CmpltnAdvcRspn>

Presence: [1..1]

Definition: Information related to the completion advice response.

CompletionAdviceResponse <CmpltnAdvcRspn> contains the following
AcceptorCompletionAdviceResponse12 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		220
	Transaction <Tx>	[1..1]			226
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		227
	TransactionIdentification <TxId>	[1..1]	±		227
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		227
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		227
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		227
	Response <Rspn>	[1..1]	CodeSet		227
	TMSTrigger <TMSTrggr>	[0..1]			228
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		228
	TMSIdentification <TMSId>	[0..1]	Text		228
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		228
	SupplementaryData <SplmtryData>	[0..*]	±	C3	228

5.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

5.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		227
	TransactionIdentification <TxId>	[1..1]	±		227
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		227
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		227
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		227
	Response <Rspn>	[1..1]	CodeSet		227

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 1766**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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

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 1766**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 1764**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 1766**5.4.2.2.6 Response <Rspn>***Presence:* [1..1]*Definition:* Result of a requested service.*Datatype:* "Response9Code" on page 1748

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

CodeName	Name	Definition
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).

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
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		228
	TMSIdentification <TMSId>	[0..1]	Text		228
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		228

5.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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.

5.4.2.3.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 1766

5.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1759

5.4.2.4 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 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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 elements (see "ContentInformationType37" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

6 **caaa.005.001.13** **AcceptorCancellationRequestV13**

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 AcceptorCancellationRequestV13 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]			
	Header <Hdr>	[1..1]			232
	MessageFunction <MsgFctn>	[1..1]	CodeSet		233
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		234
	ExchangeIdentification <XchgId>	[1..1]	Quantity		235
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		235
	CreationDateTime <CreDtTm>	[1..1]	DateTime		235
	InitiatingParty <InitgPty>	[1..1]	±		235
	RecipientParty <RcptPty>	[0..1]	±		235
	Traceability <Tracblt>	[0..*]	±		236
	CancellationRequest <CxlReq>	[1..1]			236
	Environment <Envt>	[1..1]	±		237
	Context <Cntxt>	[1..1]	±		243
	Transaction <Tx>	[1..1]			246
	TransactionCapture <TxCaptr>	[0..1]	Indicator		246
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		247
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		247
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		247
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		247
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		247
	TransactionIdentification <TxId>	[1..1]	±		247
	OriginalTransaction <OrgnlTx>	[1..1]	±		248
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		248
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		248
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		249
	TransactionDetails <TxDtls>	[1..1]			249
	Currency <Ccy>	[0..1]	CodeSet	C1	249
	TotalAmount <TtlAmt>	[1..1]	Amount		249
	ValidityDate <VldtyDt>	[0..1]	Date		249
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		250

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		250
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		250
	SecurityTrailer <SctyTrlr>	[0..1]	±		250

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		233
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		234
	ExchangeIdentification <XchgId>	[1..1]	Quantity		235
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		235
	CreationDateTime <CreDtTm>	[1..1]	DateTime		235
	InitiatingParty <InitgPty>	[1..1]	±		235
	RecipientParty <RcptPty>	[0..1]	±		235
	Traceability <Tracblt>	[0..*]	±		236

6.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

6.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

6.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

6.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

6.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

6.4.2 CancellationRequest <CxlReq>

Presence: [1..1]

Definition: Information related to the cancellation request.

CancellationRequest <CxlReq> contains the following **AcceptorCancellationRequest13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		237
	Context <Cntxt>	[1..1]	±		243
	Transaction <Tx>	[1..1]			246
	TransactionCapture <TxCaptr>	[0..1]	Indicator		246
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		247
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		247
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		247
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		247
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		247
	TransactionIdentification <TxId>	[1..1]	±		247
	OriginalTransaction <OrgnlTx>	[1..1]	±		248
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		248
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		248
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		249
	TransactionDetails <TxDtls>	[1..1]			249
	Currency <Ccy>	[0..1]	CodeSet	C1	249
	TotalAmount <TtlAmt>	[1..1]	Amount		249
	ValidityDate <VldtyDt>	[0..1]	Date		249
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		250
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		250
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		250

6.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BillgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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 "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrlId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

6.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction115** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		246
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		247
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		247
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		247
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		247
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		247
	TransactionIdentification <TxId>	[1..1]	±		247
	OriginalTransaction <OrgnlTx>	[1..1]	±		248
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		248
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		248
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		249
	TransactionDetails <TxDtls>	[1..1]			249
	Currency <Ccy>	[0..1]	CodeSet	C1	249
	TotalAmount <TtlAmt>	[1..1]	Amount		249
	ValidityDate <VldtyDt>	[0..1]	Date		249
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		250
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		250
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		250

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 1761):

- *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 1769

6.4.2.3.3 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 1761):

- *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 1766

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 1766

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 1766

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

6.4.2.3.8 OriginalTransaction <OrgnITx>

Presence: [1..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1438 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIID>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

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 1766

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 1764

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 1766

6.4.2.3.12 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails50** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	249
	TotalAmount <TtlAmt>	[1..1]	Amount		249
	ValidityDate <VldtyDt>	[0..1]	Date		249
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		250
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		250

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 1705

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 1701

6.4.2.3.12.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

6.4.2.3.12.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1702

6.4.2.3.12.5 KeepAuthorisationOpen <KeepAuthstnOpn>

Presence: [0..1]

Definition: This transaction is cancelled but the authorisation is not reversed.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1761):

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

6.4.2.3.13 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1767

6.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

7 caaa.006.001.12 AcceptorCancellationResponseV12

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 AcceptorCancellationResponseV12 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]			
	Header <Hdr>	[1..1]			253
	MessageFunction <MsgFctn>	[1..1]	CodeSet		254
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		255
	ExchangeIdentification <XchgId>	[1..1]	Quantity		256
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		256
	CreationDateTime <CreDtTm>	[1..1]	DateTime		256
	InitiatingParty <InitgPty>	[1..1]	±		256
	RecipientParty <RcptPty>	[0..1]	±		256
	Traceability <Tracblt>	[0..*]	±		257
	CancellationResponse <CxlRspn>	[1..1]			257
	Environment <Envt>	[1..1]	±		259
	Transaction <Tx>	[1..1]			265
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		266
	TransactionIdentification <TxId>	[1..1]	±		266
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		266
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		266
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		267
	InterchangeData <IntrchgData>	[0..1]	Text		267
	TransactionDetails <TxDtls>	[1..1]			267
	Currency <Ccy>	[0..1]	CodeSet	C1	267
	TotalAmount <TtlAmt>	[1..1]	Amount		267
	ValidityDate <VldtyDt>	[0..1]	Date		268
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		268
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		268
	TransactionResponse <TxRspn>	[1..1]			268
	AuthorisationResult <AuthstnRslt>	[1..1]			269
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		270
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			270
	Response <Rspn>	[1..1]	CodeSet		271

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		271
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		271
	AuthorisationCode <AuthstnCd>	[0..1]	Text		271
	TMSTrigger <TMSTrggr>	[0..1]			271
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		271
	TMSIdentification <TMSId>	[0..1]	Text		272
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		272
	Action <Actn>	[0..*]			272
	ActionType <ActnTp>	[1..1]	CodeSet		272
	MessageToPresent <MsgToPres>	[0..1]	±		273
	RemoteAccess <RmotAccs>	[0..1]	±		274
	Retry <Rtry>	[0..1]	±		275
	TimeCondition <TmCond>	[0..1]	±		275
	SecurityTrailer <SctyTrlr>	[0..1]	±		275

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		254
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		255
	ExchangeIdentification <XchgId>	[1..1]	Quantity		256
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		256
	CreationDateTime <CreDtTm>	[1..1]	DateTime		256
	InitiatingParty <InitgPty>	[1..1]	±		256
	RecipientParty <RcptPty>	[0..1]	±		256
	Traceability <Tracblt>	[0..*]	±		257

7.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

7.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

7.4.1.3 ExchangeIdentification <XchgId>*Presence:* [1..1]*Definition:* Unique identification of an exchange occurrence.*Datatype:* "Number" on page 1762**7.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>***Presence:* [0..1]*Definition:* Number of retransmissions of the message.*Datatype:* "Max3NumericText" on page 1766**7.4.1.5 CreationDateTime <CreDtTm>***Presence:* [1..1]*Definition:* Date and time at which the message was created.*Datatype:* "ISODateTime" on page 1759**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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

7.4.2 CancellationResponse <CxIRspn>

Presence: [1..1]

Definition: Information related to the cancellation response.

CancellationResponse <CxIRspn> contains the following **AcceptorCancellationResponse12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		259
	Transaction <Tx>	[1..1]			265
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		266
	TransactionIdentification <TxId>	[1..1]	±		266
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		266
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		266
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		267
	InterchangeData <IntrchnngData>	[0..1]	Text		267
	TransactionDetails <TxDtls>	[1..1]			267
	Currency <Ccy>	[0..1]	CodeSet	C1	267
	TotalAmount <TtlAmt>	[1..1]	Amount		267
	ValidityDate <VldtyDt>	[0..1]	Date		268
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		268
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		268
	TransactionResponse <TxRspn>	[1..1]			268
	AuthorisationResult <AuthstnRslt>	[1..1]			269
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		270
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			270
	Response <Rspn>	[1..1]	CodeSet		271
	ResponseReason <RspnRsn>	[0..1]	Text		271
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		271
	AuthorisationCode <AuthstnCd>	[0..1]	Text		271
	TMSTrigger <TMSTrggr>	[0..1]			271
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		271
	TMSIdentification <TMSId>	[0..1]	Text		272
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		272
	Action <Actn>	[0..*]			272
	ActionType <ActnTp>	[1..1]	CodeSet		272
	MessageToPresent <MsgToPres>	[0..1]	±		273
	RemoteAccess <RmotAccs>	[0..1]	±		274

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Retry <Rtry>	[0..1]	±		275
	TimeCondition <TmCond>	[0..1]	±		275

7.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

7.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction117** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		266
	TransactionIdentification <TxId>	[1..1]	±		266
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		266
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		266
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		267
	InterchangeData <IntrchgData>	[0..1]	Text		267
	TransactionDetails <TxDtIs>	[1..1]			267
	Currency <Ccy>	[0..1]	CodeSet	C1	267
	TotalAmount <TtlAmt>	[1..1]	Amount		267
	ValidityDate <VldtyDt>	[0..1]	Date		268
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		268
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		268

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 1766

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

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 1766

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 1764

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 1766

7.4.2.2.6 InterchangeData <IntrchnngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1764

7.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtls> contains the following CardPaymentTransactionDetails50 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	267
	TotalAmount <TtlAmt>	[1..1]	Amount		267
	ValidityDate <VldtyDt>	[0..1]	Date		268
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		268
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		268

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 1705

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 1701

7.4.2.2.7.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

7.4.2.2.7.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1702

7.4.2.2.7.5 KeepAuthorisationOpen <KeepAuthstnOpn>

Presence: [0..1]

Definition: This transaction is cancelled but the authorisation is not reversed.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1761):

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

7.4.2.3 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Response from the acquirer to the cancellation transaction.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction133** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			269
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		270
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			270
	Response <Rspn>	[1..1]	CodeSet		271
	ResponseReason <RspnRsn>	[0..1]	Text		271
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		271
	AuthorisationCode <AuthstnCd>	[0..1]	Text		271
	TMSTrigger <TMSTrggr>	[0..1]			271
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		271
	TMSIdentification <TMSId>	[0..1]	Text		272
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		272
	Action <Actn>	[0..*]			272
	ActionType <ActnTp>	[1..1]	CodeSet		272
	MessageToPresent <MsgToPres>	[0..1]	±		273
	RemoteAccess <RmotAccs>	[0..1]	±		274
	Retry <Rtry>	[0..1]	±		275
	TimeCondition <TmCond>	[0..1]	±		275

7.4.2.3.1 AuthorisationResult <AuthstnRslt>

Presence: [1..1]

Definition: Outcome of the authorisation, and actions to perform.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		270
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			270
	Response <Rspn>	[1..1]	CodeSet		271
	ResponseReason <RspnRsn>	[0..1]	Text		271
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		271
	AuthorisationCode <AuthstnCd>	[0..1]	Text		271
	TMSTrigger <TMSTrggr>	[0..1]			271
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		271
	TMSIdentification <TMSId>	[0..1]	Text		272
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		272

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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

7.4.2.3.1.2 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
	Response <Rspn>	[1..1]	CodeSet		271
	ResponseReason <RspnRsn>	[0..1]	Text		271
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		271

7.4.2.3.1.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

7.4.2.3.1.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**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 1764**7.4.2.3.1.3 AuthorisationCode <AuthstnCd>***Presence:* [0..1]*Definition:* Value assigned by the authorising party.*Datatype:* "Max8Text" on page 1768**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
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		271
	TMSIdentification <TMSId>	[0..1]	Text		272
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		272

7.4.2.3.1.4.1 TMSContactLevel <TMSCtctLvl>*Presence:* [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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 1766

7.4.2.3.1.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1759

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 **Action15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		272
	MessageToPresent <MsgToPres>	[0..1]	±		273
	RemoteAccess <RmotAccs>	[0..1]	±		274
	Retry <Rtry>	[0..1]	±		275
	TimeCondition <TmCond>	[0..1]	±		275

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: "ActionType13Code" on page 1704

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.

CodeName	Name	Definition
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.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.

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 "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

7.4.2.3.2.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1622
	NetworkType <NtwkTp>	[1..1]	CodeSet		1622
	AddressValue <AdrVal>	[1..1]	Text		1622
	UserName <UsrNm>	[0..1]	Text		1623
	AccessCode <AccsCd>	[0..1]	Binary		1623
	ServerCertificate <SvrCert>	[0..*]	Binary		1623
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1623
	ClientCertificate <CIntCert>	[0..*]	Binary		1623
	SecurityProfile <SctyPrfl>	[0..1]	Text		1623

7.4.2.3.2.4 Retry <Rtry>*Presence:* [0..1]*Definition:* Definition of retry process if activation of an action fails.**Retry <Rtry>** contains the following elements (see "[ProcessRetry3](#)" on page 1694 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		1694
	MaximumNumber <MaxNb>	[0..1]	Quantity		1694
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1694

7.4.2.3.2.5 TimeCondition <TmCond>*Presence:* [0..1]*Definition:* Timing condition for periodic exchanges.**TimeCondition <TmCond>** contains the following elements (see "[ProcessTiming6](#)" on page 1695 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		1695
	EndTime <EndTm>	[0..1]	DateTime		1695
	Period <Prd>	[0..1]	Text		1695
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1695

7.4.3 SecurityTrailer <SctyTrlr>*Presence:* [0..1]*Definition:* Trailer of the message containing a MAC.**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

8 **caaa.007.001.13** **AcceptorCancellationAdviceV13**

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 AcceptorCancellationAdviceV13 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]			
	Header <Hdr>	[1..1]			279
	MessageFunction <MsgFctn>	[1..1]	CodeSet		279
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		281
	ExchangeIdentification <XchgId>	[1..1]	Quantity		281
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		281
	CreationDateTime <CreDtTm>	[1..1]	DateTime		281
	InitiatingParty <InitgPty>	[1..1]	±		281
	RecipientParty <RcptPty>	[0..1]	±		282
	Traceability <Tracblt>	[0..*]	±		282
	CancellationAdvice <CxlAdv>	[1..1]			283
	Environment <Envt>	[1..1]	±		285
	Context <Cntxt>	[0..1]	±		291
	Transaction <Tx>	[1..1]			294
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		296
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		296
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		296
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		296
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		296
	TransactionIdentification <TxId>	[1..1]	±		296
	OriginalTransaction <OrgnlTx>	[0..1]	±		297
	TransactionSuccess <TxSucss>	[1..1]	Indicator		297
	Reversal <Rvsl>	[0..1]	Indicator		298
	FailureReason <FailrRsn>	[0..*]	CodeSet		298
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		298
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		299
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		299
	InterchangeData <IntrchnngData>	[0..1]	Text		299
	TransactionDetails <TxDtls>	[1..1]			299
	Currency <Ccy>	[0..1]	CodeSet	C1	299

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		300
	ValidityDate <VldtyDt>	[0..1]	Date		300
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		300
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		300
	AuthorisationResult <AuthstnRslt>	[0..1]			300
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		301
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			301
	Response <Rspn>	[1..1]	CodeSet		302
	ResponseReason <RspnRsn>	[0..1]	Text		302
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		302
	AuthorisationCode <AuthstnCd>	[0..1]	Text		302
	TMSTrigger <TMSTrggr>	[0..1]			302
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		302
	TMSIdentification <TMSId>	[0..1]	Text		303
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		303
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		303
	SecurityTrailer <SctyTrlr>	[0..1]	±		303

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		279
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		281
	ExchangeIdentification <XchgId>	[1..1]	Quantity		281
	ReTransmissionCounter <ReTrnsmssnCntnr>	[0..1]	Text		281
	CreationDateTime <CreDtTm>	[1..1]	DateTime		281
	InitiatingParty <InitgPty>	[1..1]	±		281
	RecipientParty <RcptPty>	[0..1]	±		282
	Traceability <Tracblt>	[0..*]	±		282

8.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
CAAV	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.

CodeName	Name	Definition
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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.

CodeName	Name	Definition
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

8.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

8.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

8.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

8.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

8.4.2 CancellationAdvice <CxlAdvc>

Presence: [1..1]

Definition: Information related to the cancellation advice.

CancellationAdvice <CxIAdv> contains the following **AcceptorCancellationAdvice13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		285
	Context <Cntxt>	[0..1]	±		291
	Transaction <Tx>	[1..1]			294
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		296
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		296
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		296
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		296
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		296
	TransactionIdentification <Txld>	[1..1]	±		296
	OriginalTransaction <OrgnlTx>	[0..1]	±		297
	TransactionSuccess <TxSucss>	[1..1]	Indicator		297
	Reversal <Rvsl>	[0..1]	Indicator		298
	FailureReason <FailrRsn>	[0..*]	CodeSet		298
	InitiatorTransactionIdentification <InitrTxld>	[0..1]	Text		298
	RecipientTransactionIdentification <RcptTxld>	[0..1]	Text		299
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		299
	InterchangeData <IntrchnngData>	[0..1]	Text		299
	TransactionDetails <TxDtls>	[1..1]			299
	Currency <Ccy>	[0..1]	CodeSet	C1	299
	TotalAmount <TtlAmt>	[1..1]	Amount		300
	ValidityDate <VldtyDt>	[0..1]	Date		300
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		300
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		300
	AuthorisationResult <AuthstnRslt>	[0..1]			300
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		301
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			301
	Response <Rspn>	[1..1]	CodeSet		302
	ResponseReason <RspnRsn>	[0..1]	Text		302
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		302
	AuthorisationCode <AuthstnCd>	[0..1]	Text		302
	TMSTrigger <TMSTrggr>	[0..1]			302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSctctLvl>	[1..1]	CodeSet		302
	TMSIdentification <TMSId>	[0..1]	Text		303
	TMSContactDateTime <TMSctctDtTm>	[0..1]	DateTime		303
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		303

8.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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 "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrlId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

8.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction116** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		296
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		296
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		296
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		296
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		296
	TransactionIdentification <TxId>	[1..1]	±		296
	OriginalTransaction <OrgnlTx>	[0..1]	±		297
	TransactionSuccess <TxSucss>	[1..1]	Indicator		297
	Reversal <Rvs/ >	[0..1]	Indicator		298
	FailureReason <FailrRsn>	[0..*]	CodeSet		298
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		298
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		299
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		299
	InterchangeData <IntrchnngData>	[0..1]	Text		299
	TransactionDetails <TxDtls>	[1..1]			299
	Currency <Ccy>	[0..1]	CodeSet	C1	299
	TotalAmount <TtlAmt>	[1..1]	Amount		300
	ValidityDate <VldtyDt>	[0..1]	Date		300
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		300
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		300
	AuthorisationResult <AuthstnRslt>	[0..1]			300
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		301
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			301
	Response <Rspn>	[1..1]	CodeSet		302
	ResponseReason <RspnRsn>	[0..1]	Text		302
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		302
	AuthorisationCode <AuthstnCd>	[0..1]	Text		302
	TMSTrigger <TMSTrggr>	[0..1]			302
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		302
	TMSIdentification <TMSId>	[0..1]	Text		303
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		303

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		303

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 1769

8.4.2.3.2 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 1761):

- *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 1766

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 1766

8.4.2.3.5 SaleReferenceIdentification <SaleRefld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

8.4.2.3.6 TransactionIdentification <Txld>

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

8.4.2.3.7 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1438 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIID>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

8.4.2.3.8 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 1761):

- *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 1761):

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

8.4.2.3.10 FailureReason <FailrRsn>*Presence:* [0..*]*Definition:* List of incidents during the transaction.*Datatype:* ["FailureReason3Code"](#) on page 1730

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 1766

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 1764

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 1766

8.4.2.3.14 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1764

8.4.2.3.15 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails50** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	299
	TotalAmount <TtlAmt>	[1..1]	Amount		300
	ValidityDate <VldtyDt>	[0..1]	Date		300
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		300
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		300

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 1705

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 1701

8.4.2.3.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

8.4.2.3.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1702

8.4.2.3.15.5 KeepAuthorisationOpen <KeepAuthstnOpn>

Presence: [0..1]

Definition: This transaction is cancelled but the authorisation is not reversed.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1761):

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

8.4.2.3.16 AuthorisationResult <AuthstnRslt>

Presence: [0..1]

Definition: Outcome of the authorisation.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		301
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			301
	Response <Rspn>	[1..1]	CodeSet		302
	ResponseReason <RspnRsn>	[0..1]	Text		302
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		302
	AuthorisationCode <AuthstnCd>	[0..1]	Text		302
	TMSTrigger <TMSTrggr>	[0..1]			302
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		302
	TMSIdentification <TMSId>	[0..1]	Text		303
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		303

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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

8.4.2.3.16.2 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		302
	ResponseReason <RspnRsn>	[0..1]	Text		302
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		302

8.4.2.3.16.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

8.4.2.3.16.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**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 1764**8.4.2.3.16.3 AuthorisationCode <AuthstnCd>***Presence:* [0..1]*Definition:* Value assigned by the authorising party.*Datatype:* "Max8Text" on page 1768**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
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		302
	TMSIdentification <TMSId>	[0..1]	Text		303
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		303

8.4.2.3.16.4.1 TMSContactLevel <TMSCtctLvl>*Presence:* [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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 1766

8.4.2.3.16.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODatetime" on page 1759

8.4.2.3.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1767

8.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

9 caaa.008.001.12 AcceptorCancellationAdviceResponseV12

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 AcceptorCancellationAdviceResponseV12 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]			
	Header <Hdr>	[1..1]			306
	MessageFunction <MsgFctn>	[1..1]	CodeSet		306
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		308
	ExchangeIdentification <XchgId>	[1..1]	Quantity		308
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		308
	CreationDateTime <CreDtTm>	[1..1]	DateTime		308
	InitiatingParty <InitgPty>	[1..1]	±		308
	RecipientParty <RcptPty>	[0..1]	±		309
	Traceability <Tracblt>	[0..*]	±		309
	CancellationAdviceResponse <CxlAdvcrspn>	[1..1]			310
	Environment <Envt>	[1..1]	±		310
	Transaction <Tx>	[1..1]			316
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		317
	TransactionIdentification <TxId>	[1..1]	±		317
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		317
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		317
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		317
	Response <Rspn>	[1..1]	CodeSet		317
	TMSTrigger <TMSTrggr>	[0..1]			318
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		318
	TMSIdentification <TMSId>	[0..1]	Text		318
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		318
	SecurityTrailer <SctyTrlr>	[0..1]	±		318

9.3 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.

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 Header70 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		306
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		308
	ExchangeIdentification <XchgId>	[1..1]	Quantity		308
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		308
	CreationDateTime <CreDtTm>	[1..1]	DateTime		308
	InitiatingParty <InitgPty>	[1..1]	±		308
	RecipientParty <RcptPty>	[0..1]	±		309
	Traceability <Tracblt>	[0..*]	±		309

9.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.

CodeName	Name	Definition
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

9.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

9.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

9.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

9.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

9.4.2 CancellationAdviceResponse <CxlAdvcRspn>

Presence: [1..1]

Definition: Information related to the cancellation advice response.

CancellationAdviceResponse <CxlAdvcRspn> contains the following
AcceptorCancellationAdviceResponse12 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		310
	Transaction <Tx>	[1..1]			316
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		317
	TransactionIdentification <TxId>	[1..1]	±		317
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		317
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		317
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		317
	Response <Rspn>	[1..1]	CodeSet		317
	TMSTrigger <TMSTrggr>	[0..1]			318
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		318
	TMSIdentification <TMSId>	[0..1]	Text		318
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		318

9.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrdhldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

9.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction from an acceptor to the acquirer.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		317
	TransactionIdentification <TxId>	[1..1]	±		317
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		317
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		317
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		317
	Response <Rspn>	[1..1]	CodeSet		317

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 1766**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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

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 1766**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 1764**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 1766**9.4.2.2.6 Response <Rspn>***Presence:* [1..1]*Definition:* Result of a requested service.*Datatype:* "Response9Code" on page 1748

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

CodeName	Name	Definition
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).

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
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		318
	TMSIdentification <TMSId>	[0..1]	Text		318
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		318

9.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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.

9.4.2.3.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 1766

9.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1759

9.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

10 caaa.009.001.12 AcceptorReconciliationRequestV12

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 AcceptorReconciliationRequestV12 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]			
	Header <Hdr>	[1..1]			322
	MessageFunction <MsgFctn>	[1..1]	CodeSet		322
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		324
	ExchangeIdentification <XchgId>	[1..1]	Quantity		324
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		324
	CreationDateTime <CreDtTm>	[1..1]	DateTime		324
	InitiatingParty <InitgPty>	[1..1]	±		324
	RecipientParty <RcptPty>	[0..1]	±		325
	Traceability <Tracblt>	[0..*]	±		325
	ReconciliationRequest <RcncltnReq>	[1..1]			326
	Environment <Envt>	[1..1]	±		326
	Transaction <Tx>	[1..1]			332
	ClosePeriod <ClsPrd>	[0..1]	Indicator		333
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		333
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		333
	TransactionTotals <TxTtls>	[0..*]			334
	POIGroupIdentification <POIGrpId>	[0..1]	Text		334
	CardBrand <CardBrnd>	[0..1]	Text		334
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		334
	Currency <Ccy>	[0..1]	CodeSet	C1	334
	Type <Tp>	[1..1]	CodeSet		335
	TotalNumber <TtlNb>	[1..1]	Quantity		335
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		335
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		335
	SecurityTrailer <SctyTrlr>	[0..1]	±		335

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		322
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		324
	ExchangeIdentification <XchgId>	[1..1]	Quantity		324
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		324
	CreationDateTime <CreDtTm>	[1..1]	DateTime		324
	InitiatingParty <InitgPty>	[1..1]	±		324
	RecipientParty <RcptPty>	[0..1]	±		325
	Traceability <Tracblt>	[0..*]	±		325

10.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

10.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

10.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

10.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

10.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

10.4.2 ReconciliationRequest <RcncltnReq>

Presence: [1..1]

Definition: Information related to the reconciliation request.

ReconciliationRequest <RcncltnReq> contains the following **AcceptorReconciliationRequest12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		326
	Transaction <Tx>	[1..1]			332
	ClosePeriod <ClsPrd>	[0..1]	Indicator		333
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		333
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		333
	TransactionTotals <TxTtls>	[0..*]			334
	POIGroupIdentification <POIGrpld>	[0..1]	Text		334
	CardBrand <CardBrnd>	[0..1]	Text		334
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		334
	Currency <Ccy>	[0..1]	CodeSet	C1	334
	Type <Tp>	[1..1]	CodeSet		335
	TotalNumber <TtlNb>	[1..1]	Quantity		335
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		335
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		335

10.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

10.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Reconciliation transaction between an acceptor an acquirer.

Transaction <Tx> contains the following **TransactionReconciliation5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClosePeriod <ClsPrd>	[0..1]	Indicator		333
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		333
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		333
	TransactionTotals <TxTtls>	[0..*]			334
	POIGroupIdentification <POIGrpld>	[0..1]	Text		334
	CardBrand <CardBrnd>	[0..1]	Text		334
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		334
	Currency <Ccy>	[0..1]	CodeSet	C1	334
	Type <Tp>	[1..1]	CodeSet		335
	TotalNumber <TtlNb>	[1..1]	Quantity		335
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		335
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		335

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 1761):

- *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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

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 1766

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 **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		334
	CardBrand <CardBrnd>	[0..1]	Text		334
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		334
	Currency <Ccy>	[0..1]	CodeSet	C1	334
	Type <Tp>	[1..1]	CodeSet		335
	TotalNumber <TtlNb>	[1..1]	Quantity		335
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		335

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 1766**10.4.2.2.4.2 CardBrand <CardBrnd>***Presence:* [0..1]*Definition:* Brand name of the card.*Datatype:* "Max35Text" on page 1766**10.4.2.2.4.3 CardProductProfile <CardPdctPrfl>***Presence:* [0..1]*Definition:* Category of cards related the acceptance processing rules defined by the acquirer.*Datatype:* "Max35Text" on page 1766**10.4.2.2.4.4 Currency <Ccy>***Presence:* [0..1]*Definition:* Currency associated with the transaction totals.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

10.4.2.2.4.5 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals2Code" on page 1756

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.

10.4.2.2.4.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1762

10.4.2.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

10.4.2.2.5 AdditionalTransactionData <AddtlTxData>

Presence: [0..1]

Definition: Additional information related to the reconciliation transaction.

Datatype: "Max70Text" on page 1767

10.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

11 caaa.010.001.11 AcceptorReconciliationResponseV11

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 AcceptorReconciliationResponseV11 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]			
	Header <Hdr>	[1..1]			339
	MessageFunction <MsgFctn>	[1..1]	CodeSet		339
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		341
	ExchangeIdentification <XchgId>	[1..1]	Quantity		341
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		341
	CreationDateTime <CreDtTm>	[1..1]	DateTime		341
	InitiatingParty <InitgPty>	[1..1]	±		341
	RecipientParty <RcptPty>	[0..1]	±		342
	Traceability <Tracblt>	[0..*]	±		342
	ReconciliationResponse <RcncltnRspn>	[1..1]			343
	Environment <Envt>	[1..1]	±		344
	TransactionResponse <TxRspn>	[1..1]			350
	Response <Rspn>	[1..1]	CodeSet		350
	ResponseReason <RspnRsn>	[0..1]	Text		351
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		351
	Transaction <Tx>	[1..1]			351
	ClosePeriod <ClsPrd>	[0..1]	Indicator		352
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		352
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		352
	TransactionTotals <TxTtls>	[0..*]			352
	POIGroupIdentification <POIGrpld>	[0..1]	Text		352
	CardBrand <CardBrnd>	[0..1]	Text		353
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		353
	Currency <Ccy>	[0..1]	CodeSet	C1	353
	Type <Tp>	[1..1]	CodeSet		353
	TotalNumber <TtlNb>	[1..1]	Quantity		354
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		354
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		354
	SecurityTrailer <SctyTrlr>	[0..1]	±		354

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		339
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		341
	ExchangeIdentification <XchgId>	[1..1]	Quantity		341
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		341
	CreationDateTime <CreDtTm>	[1..1]	DateTime		341
	InitiatingParty <InitgPty>	[1..1]	±		341
	RecipientParty <RcptPty>	[0..1]	±		342
	Traceability <Tracblt>	[0..*]	±		342

11.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

11.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

11.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

11.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

11.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

11.4.2 ReconciliationResponse <RcncltnRspn>

Presence: [1..1]

Definition: Information related to the reconciliation response.

ReconciliationResponse <RcncltnRspn> contains the following
AcceptorReconciliationResponse10 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envnt>	[1..1]	±		344
	TransactionResponse <TxRspn>	[1..1]			350
	Response <Rspn>	[1..1]	CodeSet		350
	ResponseReason <RspnRsn>	[0..1]	Text		351
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		351
	Transaction <Tx>	[1..1]			351
	ClosePeriod <ClsPrd>	[0..1]	Indicator		352
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		352
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		352
	TransactionTotals <TxTtls>	[0..*]			352
	POIGroupIdentification <POIGrpId>	[0..1]	Text		352
	CardBrand <CardBrnd>	[0..1]	Text		353
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		353
	Currency <Ccy>	[0..1]	CodeSet	C1	353
	Type <Tp>	[1..1]	CodeSet		353
	TotalNumber <TtlNb>	[1..1]	Quantity		354
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		354
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		354

11.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

11.4.2.2 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Response from the acquirer to the reconciliation transaction.

TransactionResponse <TxRspn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		350
	ResponseReason <RspnRsn>	[0..1]	Text		351
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		351

11.4.2.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1748

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).

11.4.2.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1766

11.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1764

11.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Reconciliation transaction between an acceptor an acquirer.

Transaction <Tx> contains the following **TransactionReconciliation5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClosePeriod <ClsPrd>	[0..1]	Indicator		352
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		352
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		352
	TransactionTotals <TxTtls>	[0..*]			352
	POIGroupIdentification <POIGrpld>	[0..1]	Text		352
	CardBrand <CardBrnd>	[0..1]	Text		353
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		353
	Currency <Ccy>	[0..1]	CodeSet	C1	353
	Type <Tp>	[1..1]	CodeSet		353
	TotalNumber <TtlNb>	[1..1]	Quantity		354
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		354
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		354

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 1761):

- *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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

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 1766**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 **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		352
	CardBrand <CardBrnd>	[0..1]	Text		353
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		353
	Currency <Ccy>	[0..1]	CodeSet	C1	353
	Type <Tp>	[1..1]	CodeSet		353
	TotalNumber <TtlNb>	[1..1]	Quantity		354
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		354

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 1766

11.4.2.3.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1766

11.4.2.3.4.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 1766

11.4.2.3.4.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

11.4.2.3.4.5 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals2Code" on page 1756

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.

11.4.2.3.4.6 TotalNumber <TtlNb>*Presence:* [1..1]*Definition:* Total number of transactions during a reconciliation period.*Datatype:* "Number" on page 1762**11.4.2.3.4.7 CumulativeAmount <CmltvAmt>***Presence:* [1..1]*Definition:* Total amount of a collection of transactions.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**11.4.2.3.5 AdditionalTransactionData <AddtlTxData>***Presence:* [0..1]*Definition:* Additional information related to the reconciliation transaction.*Datatype:* "Max70Text" on page 1767**11.4.3 SecurityTrailer <SctyTrlr>***Presence:* [0..1]*Definition:* Trailer of the message containing a MAC.**SecurityTrailer <SctyTrlr>** contains the following elements (see "ContentInformationType37" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

12 **caaa.011.001.13** **AcceptorBatchTransferV13**

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 AcceptorBatchTransferV13 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]			
	Header <Hdr>	[1..1]			358
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		358
	FormatVersion <FrmtVrsn>	[1..1]	Text		359
	ExchangeIdentification <XchgId>	[1..1]	Quantity		359
	CreationDateTime <CreDtTm>	[1..1]	DateTime		359
	InitiatingParty <InitgPty>	[1..1]	±		359
	RecipientParty <RcptPty>	[0..1]	±		359
	BatchTransfer <BtchTrf>	[1..1]			360
	TransactionTotals <TxTtls>	[0..*]			362
	POIGroupIdentification <POIGrpId>	[0..1]	Text		362
	CardBrand <CardBrnd>	[0..1]	Text		363
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		363
	Currency <Ccy>	[0..1]	CodeSet	C1	363
	Type <Tp>	[1..1]	CodeSet		363
	TotalNumber <TtlNb>	[1..1]	Quantity		363
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		364
	DataSet <DataSet>	[0..*]			364
	DataSetIdentification <DataSetId>	[1..1]			366
	Name <Nm>	[1..1]	Text		366
	Type <Tp>	[1..1]	CodeSet		366
	Version <Vrsn>	[0..1]	Text		367
	CreationDateTime <CreDtTm>	[1..1]	DateTime		367
	Traceability <Tracblt>	[0..*]	±		367
	DataSetInitiator <DataSetInitr>	[0..1]	±		367
	TransactionTotals <TxTtls>	[1..*]			368
	POIGroupIdentification <POIGrpId>	[0..1]	Text		368
	CardBrand <CardBrnd>	[0..1]	Text		368
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		368
	Currency <Ccy>	[0..1]	CodeSet	C1	369

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		369
	TotalNumber <TtlNb>	[1..1]	Quantity		369
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		369
	CommonData <CmonData>	[0..1]			369
	Environment <Envt>	[0..1]	±		370
	Context <Cntxt>	[0..1]	±		376
	TransactionType <TxTp>	[0..1]	CodeSet		379
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		379
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		380
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		380
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		381
	Currency <Ccy>	[0..1]	CodeSet	C1	381
	Transaction <Tx>	[1..*]			381
{Or	Completion <Cmpltn>	[1..1]	±		381
Or	Cancellation <Cxl>	[1..1]	±		387
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		389
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		394
Or	TokenRequest <TknReq>	[1..1]			399
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		399
	Environment <Envt>	[1..1]	±		399
Or}	TokenResponse <TknRspn>	[1..1]			405
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		405
	Environment <Envt>	[1..1]	±		405
	SecurityTrailer <SctyTrlr>	[0..1]	±		412

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

CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.
- 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.

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
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		358
	FormatVersion <FrmtVrsn>	[1..1]	Text		359
	ExchangeIdentification <XchgId>	[1..1]	Quantity		359
	CreationDateTime <CreDtTm>	[1..1]	DateTime		359
	InitiatingParty <InitgPty>	[1..1]	±		359
	RecipientParty <RcptPty>	[0..1]	±		359

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 1761):

- *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 1767

12.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

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 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 **CardPaymentBatchTransfer12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			362
	POIGroupIdentification <POIGrpId>	[0..1]	Text		362
	CardBrand <CardBrnd>	[0..1]	Text		363
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		363
	Currency <Ccy>	[0..1]	CodeSet	C1	363
	Type <Tp>	[1..1]	CodeSet		363
	TotalNumber <TtlNb>	[1..1]	Quantity		363
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		364
	DataSet <DataSet>	[0..*]			364
	DataSetIdentification <DataSetId>	[1..1]			366
	Name <Nm>	[1..1]	Text		366
	Type <Tp>	[1..1]	CodeSet		366
	Version <Vrsn>	[0..1]	Text		367
	CreationDateTime <CreDtTm>	[1..1]	DateTime		367
	Traceability <Tracblt>	[0..*]	±		367
	DataSetInitiator <DataSetInitr>	[0..1]	±		367
	TransactionTotals <TxTtls>	[1..*]			368
	POIGroupIdentification <POIGrpId>	[0..1]	Text		368
	CardBrand <CardBrnd>	[0..1]	Text		368
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		368
	Currency <Ccy>	[0..1]	CodeSet	C1	369
	Type <Tp>	[1..1]	CodeSet		369
	TotalNumber <TtlNb>	[1..1]	Quantity		369
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		369
	CommonData <CmonData>	[0..1]			369
	Environment <Envt>	[0..1]	±		370
	Context <Cntxt>	[0..1]	±		376
	TransactionType <TxTp>	[0..1]	CodeSet		379
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		379
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		380
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		380

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		381
	Currency <Ccy>	[0..1]	CodeSet	C1	381
	Transaction <Tx>	[1..*]			381
{Or	Completion <Cmpltn>	[1..1]	±		381
Or	Cancellation <Cxl>	[1..1]	±		387
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		389
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		394
Or	TokenRequest <TknReq>	[1..1]			399
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		399
	Environment <Envt>	[1..1]	±		399
Or}	TokenResponse <TknRspn>	[1..1]			405
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		405
	Environment <Envt>	[1..1]	±		405

12.4.2.1 TransactionTotals <TxTtls>

Presence: [0..*]

Definition: Totals of transactions of all the data sets.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		362
	CardBrand <CardBrnd>	[0..1]	Text		363
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		363
	Currency <Ccy>	[0..1]	CodeSet	C1	363
	Type <Tp>	[1..1]	CodeSet		363
	TotalNumber <TtlNb>	[1..1]	Quantity		363
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		364

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 1766

12.4.2.1.2 CardBrand <CardBrnd>*Presence:* [0..1]*Definition:* Brand name of the card.*Datatype:* "Max35Text" on page 1766**12.4.2.1.3 CardProductProfile <CardPdctPrfl>***Presence:* [0..1]*Definition:* Category of cards related the acceptance processing rules defined by the acquirer.*Datatype:* "Max35Text" on page 1766**12.4.2.1.4 Currency <Ccy>***Presence:* [0..1]*Definition:* Currency associated with the transaction totals.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

12.4.2.1.5 Type <Tp>*Presence:* [1..1]*Definition:* Identification of the type of transaction.*Datatype:* "TypeTransactionTotals2Code" on page 1756

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.

12.4.2.1.6 TotalNumber <TtlNb>*Presence:* [1..1]*Definition:* Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1762

12.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

12.4.2.2 DataSet <DataSet>

Presence: [0..*]

Definition: Card payment transactions from one data set of transactions.

DataSet <DataSet> contains the following **CardPaymentDataSet37** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			366
	Name <Nm>	[1..1]	Text		366
	Type <Tp>	[1..1]	CodeSet		366
	Version <Vrsn>	[0..1]	Text		367
	CreationDateTime <CreDtTm>	[1..1]	DateTime		367
	Traceability <Tracblt>	[0..*]	±		367
	DataSetInitiator <DataSetInitr>	[0..1]	±		367
	TransactionTotals <TxTtls>	[1..*]			368
	POIGroupIdentification <POIGrpld>	[0..1]	Text		368
	CardBrand <CardBrnd>	[0..1]	Text		368
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		368
	Currency <Ccy>	[0..1]	CodeSet	C1	369
	Type <Tp>	[1..1]	CodeSet		369
	TotalNumber <TtlNb>	[1..1]	Quantity		369
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		369
	CommonData <CmonData>	[0..1]			369
	Environment <Envvt>	[0..1]	±		370
	Context <Cntxt>	[0..1]	±		376
	TransactionType <TxTp>	[0..1]	CodeSet		379
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		379
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		380
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		380
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		381
	Currency <Ccy>	[0..1]	CodeSet	C1	381
	Transaction <Tx>	[1..*]			381
{Or	Completion <Cmpltn>	[1..1]	±		381
Or	Cancellation <Cxl>	[1..1]	±		387
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		389
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		394
Or	TokenRequest <TknReq>	[1..1]			399
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		399

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		399
Or}	TokenResponse <TknRspn>	[1..1]			405
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		405
	Environment <Envt>	[1..1]	±		405

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
	Name <Nm>	[1..1]	Text		366
	Type <Tp>	[1..1]	CodeSet		366
	Version <Vrsn>	[0..1]	Text		367
	CreationDateTime <CreDtTm>	[1..1]	DateTime		367

12.4.2.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 1765

12.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 1728

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.

12.4.2.2.1.3 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data set.

Datatype: "Max256Text" on page 1765

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 1759

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

12.4.2.2.4 TransactionTotals <TxTtls>

Presence: [1..*]

Definition: Transaction totals of the data set.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGrouplIdentification <POIGrpId>	[0..1]	Text		368
	CardBrand <CardBrnd>	[0..1]	Text		368
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		368
	Currency <Ccy>	[0..1]	CodeSet	C1	369
	Type <Tp>	[1..1]	CodeSet		369
	TotalNumber <TtlNb>	[1..1]	Quantity		369
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		369

12.4.2.2.4.1 POIGrouplIdentification <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 1766

12.4.2.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "[Max35Text](#)" on page 1766

12.4.2.2.4.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "[Max35Text](#)" on page 1766

12.4.2.2.4.4 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction totals.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

12.4.2.2.4.5 Type <Tp>*Presence:* [1..1]*Definition:* Identification of the type of transaction.*Datatype:* "TypeTransactionTotals2Code" on page 1756

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.

12.4.2.2.4.6 TotalNumber <TtlNb>*Presence:* [1..1]*Definition:* Total number of transactions during a reconciliation period.*Datatype:* "Number" on page 1762**12.4.2.2.4.7 CumulativeAmount <CmltvAmt>***Presence:* [1..1]*Definition:* Total amount of a collection of transactions.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**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 **CommonData13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±		370
	Context <Cntxt>	[0..1]	±		376
	TransactionType <TxTp>	[0..1]	CodeSet		379
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		379
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		380
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		380
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		381
	Currency <Ccy>	[0..1]	CodeSet	C1	381

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 elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BillgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <CrdhldrId>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <DrvrId>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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 "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

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 1723

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 1725

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: "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of 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 1769

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 1766**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 1705**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 **CardPaymentDataSetTransaction12Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Completion <Cmpltn>	[1..1]	±		381
Or	Cancellation <Cxl>	[1..1]	±		387
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		389
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		394
Or	TokenRequest <TknReq>	[1..1]			399
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		399
	Environment <Envt>	[1..1]	±		399
Or}	TokenResponse <TknRspn>	[1..1]			405
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		405
	Environment <Envt>	[1..1]	±		405

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 "CardPaymentDataSetTransaction47" on page 1333 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1338
	Traceability <Tracblt>	[0..*]	±		1338
	Environment <Envt>	[1..1]	±		1339
	Context <Cntxt>	[0..1]	±		1345
	Transaction <Tx>	[1..1]			1348
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1353
	TransactionType <TxTp>	[0..1]	CodeSet		1353
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1354
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1355
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1355
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1355
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1355
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1355
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1356
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1356
	TransactionIdentification <TxId>	[1..1]	±		1356
	OriginalTransaction <OrgnlTx>	[0..1]	±		1356
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1357
	Reversal <Rvsl>	[0..1]	Indicator		1357
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1358
	FailureReason <FailrRsn>	[0..*]	CodeSet		1358
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1358
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1359
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1359
	InterchangeData <IntrchgData>	[0..1]	Text		1359
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1359
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1359
	TransactionDetails <TxDtls>	[1..1]			1359
	Currency <Ccy>	[0..1]	CodeSet	C1	1362
	TotalAmount <TtlAmt>	[1..1]	Amount		1362

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1362
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	DetailedAmount <DtltdAmt>	[0..1]	±		1362
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1363
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1363
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1363
	ValidityDate <VldtyDt>	[0..1]	Date		1363
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1363
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1364
	AccountType <AcctTp>	[0..1]	CodeSet		1364
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1365
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1367
	Conversion <Convs>	[0..1]			1367
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1369
	TargetCurrency <TrgtCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1369
	NumericCode <NmrcCd>	[1..1]	Text		1369
	Decimal <Dcml>	[1..1]	Quantity		1369
	Name <Nm>	[0..1]	Text		1369
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1370
	ExchangeRate <XchgRate>	[1..1]	Rate		1370
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1370
	QuotationDate <QtnDt>	[0..1]	DateTime		1370
	ValidFrom <VldFr>	[0..1]	DateTime		1370
	ValidUntil <VldUntil>	[0..1]	DateTime		1370
	SourceCurrency <SrcCcy>	[1..1]			1370
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1371
	NumericCode <NmrcCd>	[0..1]	Text		1371
	Decimal <Dcml>	[0..1]	Quantity		1371
	Name <Nm>	[0..1]	Text		1371
	ApplicableBinRange <ApblBinRg>	[0..*]			1371

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1372
	HigherBin <HghrBin>	[1..1]	Text		1372
	OriginalAmount <OrgnlAmt>	[0..1]			1372
	ActualAmount <ActlAmt>	[0..1]	Amount		1372
	MinimumAmount <MinAmt>	[0..1]	Amount		1372
	MaximumAmount <MaxAmt>	[0..1]	Amount		1372
	CommissionDetails <ComssnDtls>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	MarkUpDetails <MrkUpDtls>	[0..*]			1373
	Rate <Rate>	[1..1]	Rate		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1373
	Instalment <Instlmt>	[0..*]	±		1374
	Recurring <Rcrng>	[0..1]	±		1375
	AggregationTransaction <AggtTx>	[0..1]	±		1376
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1376
	SaleItem <SaleItm>	[0..*]	±		1376
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1377
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1377
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1377
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1377
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1378
	AdditionalInformation <AddtlInf>	[0..*]			1378
	Identification <Id>	[1..1]	Text		1378
	Value <Val>	[0..1]	Binary		1378
	ProtectedValue <PrctdVal>	[0..1]	±		1378
	Type <Tp>	[0..1]	Text		1379
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1379
	AuthorisationResult <AuthstnRslt>	[0..1]			1379
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1379

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1380
	Response <Rspn>	[1..1]	CodeSet		1380
	ResponseReason <RspnRsn>	[0..1]	Text		1380
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1381
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1381
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1381
	AccountFrom <AcctFr>	[0..1]			1381
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1382
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1383
	AccountName <AcctNm>	[0..1]	Text		1383
	AccountOwner <AcctOwnr>	[0..1]			1384
	Name <Nm>	[1..1]	Text		1384
	Address <Adr>	[1..1]	±		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	AccountIdentifier <AcctIdr>	[0..1]			1385
{Or	Card <Card>	[1..1]	Text		1385
Or	MSISDN <MSISDN>	[1..1]	Text		1385
Or	EMail <EMail>	[1..1]	Text		1385
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1385
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1386
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1386
Or	Domestic <Dmst>	[1..1]	Text		1386
Or}	Other <Othr>	[1..1]	Text		1386
	Servicer <Svcr>	[0..1]			1386
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1387
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1387
	AccountTo <AcctTo>	[0..1]			1387
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1388
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1389
	AccountName <AcctNm>	[0..1]	Text		1389
	AccountOwner <AcctOwnr>	[0..1]			1390

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1390
	Address <Adr>	[1..1]	±		1390
	Currency <Ccy>	[0..1]	CodeSet	C1	1390
	AccountIdentifier <AcctIdr>	[0..1]			1391
{Or	Card <Card>	[1..1]	Text		1391
Or	MSISDN <MSISDN>	[1..1]	Text		1391
Or	EMail <EMail>	[1..1]	Text		1391
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1391
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1392
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1392
Or	Domestic <Dmst>	[1..1]	Text		1392
Or}	Other <Othr>	[1..1]	Text		1392
	Servicer <Svcr>	[0..1]			1392
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1393
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1393
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1393

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 "[CardPaymentDataSetTransaction46](#)" on page 1313 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1315
	Traceability <Tracblt>	[0..*]	±		1315
	Environment <Envt>	[1..1]	±		1315
	Context <Cntxt>	[0..1]	±		1321
	Transaction <Tx>	[1..1]			1324
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1326
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1326
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1326
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1326
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1326
	TransactionIdentification <TxId>	[1..1]	±		1326
	OriginalTransaction <OrgnlTx>	[0..1]	±		1327
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1327
	Reversal <Rvsl>	[0..1]	Indicator		1328
	FailureReason <FailRsn>	[0..*]	CodeSet		1328
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1328
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1329
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1329
	InterchangeData <IntrchnngData>	[0..1]	Text		1329
	TransactionDetails <TxDtls>	[1..1]			1329
	Currency <Ccy>	[0..1]	CodeSet	C1	1329
	TotalAmount <TtlAmt>	[1..1]	Amount		1330
	ValidityDate <VldtyDt>	[0..1]	Date		1330
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1330
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1330
	AuthorisationResult <AuthstnRslt>	[0..1]			1330
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1331
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1331
	Response <Rspn>	[1..1]	CodeSet		1332
	ResponseReason <RspnRsn>	[0..1]	Text		1332

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1332
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1332
	TMSTrigger <TMSTrggr>	[0..1]			1332
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1332
	TMSIdentification <TMSId>	[0..1]	Text		1333
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1333
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1333

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 "CardPaymentDataSetTransaction48" on page 1258 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1263
	Traceability <Tracblt>	[0..*]	±		1263
	Environment <Envt>	[1..1]	±		1263
	Context <Cntxt>	[0..1]	±		1269
	Transaction <Tx>	[1..1]			1272
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1276
	TransactionType <TxTp>	[0..1]	CodeSet		1277
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1277
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1278
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1278
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1279
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1279
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1279
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1279
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1279
	TransactionIdentification <TxId>	[1..1]	±		1279
	OriginalTransaction <OrgnlTx>	[0..1]	±		1280
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1280
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1280
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1281
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1281
	TransactionDetails <TxDtls>	[1..1]			1281
	Currency <Ccy>	[0..1]	CodeSet	C1	1284
	TotalAmount <TtlAmt>	[1..1]	Amount		1284
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1284
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1284
	DetailedAmount <DtldAmt>	[0..1]	±		1284
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1285
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1285
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1285

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1285
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1285
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1286
	AccountType <AcctTp>	[0..1]	CodeSet		1286
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1287
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1289
	Conversion <Convs>	[0..1]			1289
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1291
	TargetCurrency <TrgtCcy>	[1..1]			1291
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1291
	NumericCode <NmrcCd>	[1..1]	Text		1291
	Decimal <Dcml>	[1..1]	Quantity		1291
	Name <Nm>	[0..1]	Text		1291
	ResultingAmount <RsltAmt>	[0..1]	Amount		1292
	ExchangeRate <XchgRate>	[1..1]	Rate		1292
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1292
	QuotationDate <QtnDt>	[0..1]	DateTime		1292
	ValidFrom <VldFr>	[0..1]	DateTime		1292
	ValidUntil <VldUntil>	[0..1]	DateTime		1292
	SourceCurrency <SrcCcy>	[1..1]			1292
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[0..1]	Text		1293
	Decimal <Dcml>	[0..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ApplicableBinRange <AplblBinRg>	[0..*]			1293
	LowerBin <LwrBin>	[1..1]	Text		1294
	HigherBin <HghrBin>	[1..1]	Text		1294
	OriginalAmount <OrgnlAmt>	[0..1]			1294
	ActualAmount <ActlAmt>	[0..1]	Amount		1294
	MinimumAmount <MinAmt>	[0..1]	Amount		1294
	MaximumAmount <MaxAmt>	[0..1]	Amount		1294

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1295
	Amount <Amt>	[1..1]	Amount		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	MarkUpDetails <MrkUpDtls>	[0..*]			1295
	Rate <Rate>	[1..1]	Rate		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1295
	Instalment <Instlmt>	[0..*]	±		1296
	Recurring <Rcrng>	[0..1]	±		1297
	AggregationTransaction <AggtnTx>	[0..1]	±		1298
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1298
	SaleItem <Saleitm>	[0..*]	±		1298
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1299
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1299
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1299
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1299
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1300
	AdditionalInformation <AddtlInf>	[0..*]			1300
	Identification <Id>	[1..1]	Text		1300
	Value <Val>	[0..1]	Binary		1300
	ProtectedValue <PrctcdVal>	[0..1]	±		1300
	Type <Tp>	[0..1]	Text		1301
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1301
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1301
	AccountFrom <AcctFr>	[0..1]			1301
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1302
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1303
	AccountName <AcctNm>	[0..1]	Text		1303
	AccountOwner <AcctOwnr>	[0..1]			1304
	Name <Nm>	[1..1]	Text		1304
	Address <Adr>	[1..1]	±		1304

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1304
	AccountIdentifier <AcctIdr>	[0..1]			1305
{Or	Card <Card>	[1..1]	Text		1305
Or	MSISDN <MSISDN>	[1..1]	Text		1305
Or	EMail <EMail>	[1..1]	Text		1305
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1305
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1306
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1306
Or	Domestic <Dmst>	[1..1]	Text		1306
Or}	Other <Othr>	[1..1]	Text		1306
	Servicer <Svcr>	[0..1]			1306
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1307
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1307
	AccountTo <AcctTo>	[0..1]			1307
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1308
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1309
	AccountName <AcctNm>	[0..1]	Text		1309
	AccountOwner <AcctOwnr>	[0..1]			1310
	Name <Nm>	[1..1]	Text		1310
	Address <Adr>	[1..1]	±		1310
	Currency <Ccy>	[0..1]	CodeSet	C1	1310
	AccountIdentifier <AcctIdr>	[0..1]			1311
{Or	Card <Card>	[1..1]	Text		1311
Or	MSISDN <MSISDN>	[1..1]	Text		1311
Or	EMail <EMail>	[1..1]	Text		1311
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1311
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1312
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1312
Or	Domestic <Dmst>	[1..1]	Text		1312
Or}	Other <Othr>	[1..1]	Text		1312
	Servicer <Svcr>	[0..1]			1312

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1313
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1313
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1313

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 "CardPaymentDataSetTransaction49" on page 1202 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1207
	Traceability <Tracblt>	[0..*]	±		1207
	Environment <Envt>	[1..1]	±		1208
	Transaction <Tx>	[1..1]			1214
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1217
	TransactionIdentification <TxId>	[1..1]	±		1217
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1217
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1217
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1217
	InterchangeData <IntrchnngData>	[0..1]	Text		1218
	TransactionDetails <TxDtls>	[1..1]			1218
	Currency <Ccy>	[0..1]	CodeSet	C1	1221
	TotalAmount <TtlAmt>	[1..1]	Amount		1221
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1221
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1221
	DetailedAmount <DtldAmt>	[0..1]	±		1221
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1222
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1222
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1222
	ValidityDate <VldtyDt>	[0..1]	Date		1222
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1222
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1223
	AccountType <AcctTp>	[0..1]	CodeSet		1223
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1224
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1226
	Conversion <Convs>	[0..1]			1226
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1228
	TargetCurrency <TrgtCcy>	[1..1]			1228
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1228
	NumericCode <NmrcCd>	[1..1]	Text		1228

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1228
	Name <Nm>	[0..1]	Text		1228
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1229
	ExchangeRate <XchgRate>	[1..1]	Rate		1229
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1229
	QuotationDate <QtnDt>	[0..1]	DateTime		1229
	ValidFrom <VldFr>	[0..1]	DateTime		1229
	ValidUntil <VldUntil>	[0..1]	DateTime		1229
	SourceCurrency <SrcCcy>	[1..1]			1229
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1230
	NumericCode <NmrcCd>	[0..1]	Text		1230
	Decimal <Dcml>	[0..1]	Quantity		1230
	Name <Nm>	[0..1]	Text		1230
	ApplicableBinRange <AplblBinRg>	[0..*]			1230
	LowerBin <LwrBin>	[1..1]	Text		1231
	HigherBin <HghrBin>	[1..1]	Text		1231
	OriginalAmount <OrgnlAmt>	[0..1]			1231
	ActualAmount <ActlAmt>	[0..1]	Amount		1231
	MinimumAmount <MinAmt>	[0..1]	Amount		1231
	MaximumAmount <MaxAmt>	[0..1]	Amount		1231
	CommissionDetails <ComssnDtls>	[0..*]			1232
	Amount <Amt>	[1..1]	Amount		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	MarkupDetails <MrkUpDtls>	[0..*]			1232
	Rate <Rate>	[1..1]	Rate		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1232
	Instalment <Instlmt>	[0..*]	±		1233
	Recurring <Rcrng>	[0..1]	±		1234
	AggregationTransaction <AggtnTx>	[0..1]	±		1235
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1235

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <SaleItm>	[0..*]	±		1235
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1236
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1236
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1236
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1236
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1237
	AdditionalInformation <AddtlInf>	[0..*]			1237
	Identification <Id>	[1..1]	Text		1237
	Value <Val>	[0..1]	Binary		1237
	ProtectedValue <PrctcdVal>	[0..1]	±		1237
	Type <Tp>	[0..1]	Text		1238
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1238
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1238
	TransactionResponse <TxRspn>	[1..1]			1238
	AuthorisationResult <AuthstnRslt>	[1..1]			1241
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1241
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1242
	Response <Rspn>	[1..1]	CodeSet		1242
	ResponseReason <RspnRsn>	[0..1]	Text		1242
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1242
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1242
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1242
	TMSTrigger <TMSTrggr>	[0..1]			1243
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1243
	TMSIdentification <TMSId>	[0..1]	Text		1243
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1243
	AllowedProductCode <AllwdPdctCd>	[0..*]			1243
	ProductCode <PdctCd>	[1..1]	Text		1244
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1244
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1244
	ProductCode <PdctCd>	[1..1]	Text		1244

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1244
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1244
	ProductCode <PdctCd>	[1..1]	Text		1245
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1245
	AmountLimit <AmtLmt>	[0..1]	Amount		1245
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1245
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1245
	Balance <Bal>	[0..1]	±		1247
	ProtectedBalance <PrctdBal>	[0..1]	±		1247
	Action <Actn>	[0..*]			1248
	ActionType <ActnTp>	[1..1]	CodeSet		1248
	MessageToPresent <MsgToPres>	[0..1]	±		1249
	RemoteAccess <RmotAccs>	[0..1]	±		1250
	Retry <Rtry>	[0..1]	±		1250
	TimeCondition <TmCond>	[0..1]	±		1250
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1251
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1253
	TargetCurrency <TrgtCcy>	[1..1]			1253
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1253
	NumericCode <NmrcCd>	[1..1]	Text		1253
	Decimal <Dcml>	[1..1]	Quantity		1253
	Name <Nm>	[0..1]	Text		1254
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1254
	ExchangeRate <XchgRate>	[1..1]	Rate		1254
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1254
	QuotationDate <QtnDt>	[0..1]	DateTime		1254
	ValidFrom <VldFr>	[0..1]	DateTime		1254
	ValidUntil <VldUntil>	[0..1]	DateTime		1254
	SourceCurrency <SrcCcy>	[1..1]			1254
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1255
	NumericCode <NmrcCd>	[0..1]	Text		1255

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1255
	Name <Nm>	[0..1]	Text		1255
	ApplicableBinRange <ApblBinRg>	[0..*]			1255
	LowerBin <LwrBin>	[1..1]	Text		1256
	HigherBin <HghrBin>	[1..1]	Text		1256
	OriginalAmount <OrgnlAmt>	[0..1]			1256
	ActualAmount <ActlAmt>	[0..1]	Amount		1256
	MinimumAmount <MinAmt>	[0..1]	Amount		1256
	MaximumAmount <MaxAmt>	[0..1]	Amount		1256
	CommissionDetails <ComssnDtls>	[0..*]			1257
	Amount <Amt>	[1..1]	Amount		1257
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257
	MarkUpDetails <MrkUpDtls>	[0..*]			1257
	Rate <Rate>	[1..1]	Rate		1257
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1257

12.4.2.2.6.5 TokenRequest <TknReq>

Presence: [1..1]

Definition: Request for a token computation.

TokenRequest <TknReq> contains the following **TokenRequestComponent4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		399
	Environment <Envt>	[1..1]	±		399

12.4.2.2.6.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 1768

12.4.2.2.6.5.2 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

12.4.2.2.6.6 TokenResponse <TknRspn>

Presence: [1..1]

Definition: Response to a token computation.

TokenResponse <TknRspn> contains the following **TokenRequestComponent4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		405
	Environment <Env>	[1..1]	±		405

12.4.2.2.6.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 1768

12.4.2.2.6.6.2 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSplAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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 elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

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AcceptorBatchTransferResponseV12

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 AcceptorBatchTransferResponseV12 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]			417
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		417
	FormatVersion <FrmtVrsn>	[1..1]	Text		417
	ExchangeIdentification <XchgId>	[1..1]	Quantity		417
	CreationDateTime <CreDtTm>	[1..1]	DateTime		417
	InitiatingParty <InitgPty>	[1..1]	±		418
	RecipientParty <RcptPty>	[0..1]	±		418
	BatchTransferResponse <BtchTrfRspn>	[1..1]			419
	TransactionTotals <TxTtls>	[0..*]			422
	POIGroupIdentification <POIGrpId>	[0..1]	Text		422
	CardBrand <CardBrnd>	[0..1]	Text		422
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		423
	Currency <Ccy>	[0..1]	CodeSet	C1	423
	Type <Tp>	[1..1]	CodeSet		423
	TotalNumber <TtlNb>	[1..1]	Quantity		423
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		424
	DataSet <DataSet>	[0..*]			424
	DataSetIdentification <DataSetId>	[1..1]			427
	Name <Nm>	[1..1]	Text		427
	Type <Tp>	[1..1]	CodeSet		427
	Version <Vrsn>	[0..1]	Text		428
	CreationDateTime <CreDtTm>	[1..1]	DateTime		428
	DataSetResult <DataSetRslt>	[1..1]			428
	Response <Rspn>	[1..1]	CodeSet		428
	ResponseReason <RspnRsn>	[0..1]	Text		428
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		429
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		429
	DataSetInitiator <DataSetInitr>	[0..1]	±		429
	TransactionTotals <TxTtls>	[1..*]			429

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		430
	CardBrand <CardBrnd>	[0..1]	Text		430
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		430
	Currency <Ccy>	[0..1]	CodeSet	C1	430
	Type <Tp>	[1..1]	CodeSet		430
	TotalNumber <TtlNb>	[1..1]	Quantity		431
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		431
	RejectedTransaction <RjctdTx>	[0..*]			431
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		432
	TransactionResponse <TxRspn>	[1..1]			432
	Response <Rspn>	[1..1]	CodeSet		432
	ResponseReason <RspnRsn>	[0..1]	Text		433
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		433
	Environment <Envnt>	[1..1]	±		433
	Transaction <Tx>	[1..1]			439
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		439
	TransactionIdentification <TxId>	[1..1]	±		440
	Response <Rspn>	[1..1]	CodeSet		440
	SuspendedTransaction <SspdTx>	[0..*]			440
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		441
	TransactionResponse <TxRspn>	[1..1]			441
	Response <Rspn>	[1..1]	CodeSet		441
	ResponseReason <RspnRsn>	[0..1]	Text		441
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		441
	Environment <Envnt>	[1..1]	±		441
	Transaction <Tx>	[1..1]			448
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		448
	TransactionIdentification <TxId>	[1..1]	±		449
	Response <Rspn>	[1..1]	CodeSet		449
	ResumedApproval <RsmdApprvl>	[0..*]			449
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		450

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionResponse <TxRspn>	[1..1]			450
	Response <Rspn>	[1..1]	CodeSet		450
	ResponseReason <RspnRsn>	[0..1]	Text		450
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		450
	Environment <Envt>	[1..1]	±		450
	Transaction <Tx>	[1..1]			457
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		457
	TransactionIdentification <TxId>	[1..1]	±		458
	Response <Rspn>	[1..1]	CodeSet		458
	ResumedRejection <RsmdRjctn>	[0..*]			458
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		459
	TransactionResponse <TxRspn>	[1..1]			459
	Response <Rspn>	[1..1]	CodeSet		459
	ResponseReason <RspnRsn>	[0..1]	Text		459
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		459
	Environment <Envt>	[1..1]	±		459
	Transaction <Tx>	[1..1]			466
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		466
	TransactionIdentification <TxId>	[1..1]	±		467
	Response <Rspn>	[1..1]	CodeSet		467
	SecurityTrailer <SctyTrlr>	[0..1]	±		467

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
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		417
	FormatVersion <FrmtVrsn>	[1..1]	Text		417
	Exchangeldentification <Xchgld>	[1..1]	Quantity		417
	CreationDateTime <CreDtTm>	[1..1]	DateTime		417
	InitiatingParty <InitgPty>	[1..1]	±		418
	RecipientParty <RcptPty>	[0..1]	±		418

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 1761](#)):

- *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 1767](#)

13.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number" on page 1762](#)

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 1759](#)

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

13.4.2 **BatchTransferResponse <BtchTrfRspn>**

Presence: [1..1]

Definition: Information related to the previously sent set of transaction.

BatchTransferResponse <BtchTrfRspn> contains the following
CardPaymentBatchTransferResponse11 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			422
	POIGroupIdentification <POIGrpId>	[0..1]	Text		422
	CardBrand <CardBrnd>	[0..1]	Text		422
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		423
	Currency <Ccy>	[0..1]	CodeSet	C1	423
	Type <Tp>	[1..1]	CodeSet		423
	TotalNumber <TtlNb>	[1..1]	Quantity		423
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		424
	DataSet <DataSet>	[0..*]			424
	DataSetIdentification <DataSetId>	[1..1]			427
	Name <Nm>	[1..1]	Text		427
	Type <Tp>	[1..1]	CodeSet		427
	Version <Vrsn>	[0..1]	Text		428
	CreationDateTime <CreDtTm>	[1..1]	DateTime		428
	DataSetResult <DataSetRslt>	[1..1]			428
	Response <Rspn>	[1..1]	CodeSet		428
	ResponseReason <RspnRsn>	[0..1]	Text		428
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		429
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		429
	DataSetInitiator <DataSetInitr>	[0..1]	±		429
	TransactionTotals <TxTtls>	[1..*]			429
	POIGroupIdentification <POIGrpId>	[0..1]	Text		430
	CardBrand <CardBrnd>	[0..1]	Text		430
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		430
	Currency <Ccy>	[0..1]	CodeSet	C1	430
	Type <Tp>	[1..1]	CodeSet		430
	TotalNumber <TtlNb>	[1..1]	Quantity		431
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		431
	RejectedTransaction <RjctdTx>	[0..*]			431
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		432

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionResponse <TxRspn>	[1..1]			432
	Response <Rspn>	[1..1]	CodeSet		432
	ResponseReason <RspnRsn>	[0..1]	Text		433
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		433
	Environment <Envnt>	[1..1]	±		433
	Transaction <Tx>	[1..1]			439
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		439
	TransactionIdentification <TxId>	[1..1]	±		440
	Response <Rspn>	[1..1]	CodeSet		440
	SuspendedTransaction <SspdTx>	[0..*]			440
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		441
	TransactionResponse <TxRspn>	[1..1]			441
	Response <Rspn>	[1..1]	CodeSet		441
	ResponseReason <RspnRsn>	[0..1]	Text		441
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		441
	Environment <Envnt>	[1..1]	±		441
	Transaction <Tx>	[1..1]			448
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		448
	TransactionIdentification <TxId>	[1..1]	±		449
	Response <Rspn>	[1..1]	CodeSet		449
	ResumedApproval <RsmdApprvl>	[0..*]			449
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		450
	TransactionResponse <TxRspn>	[1..1]			450
	Response <Rspn>	[1..1]	CodeSet		450
	ResponseReason <RspnRsn>	[0..1]	Text		450
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		450
	Environment <Envnt>	[1..1]	±		450
	Transaction <Tx>	[1..1]			457
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		457
	TransactionIdentification <TxId>	[1..1]	±		458
	Response <Rspn>	[1..1]	CodeSet		458

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResumedRejection <RsmdRjctn>	[0..*]			458
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		459
	TransactionResponse <TxRspn>	[1..1]			459
	Response <Rspn>	[1..1]	CodeSet		459
	ResponseReason <RspnRsn>	[0..1]	Text		459
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		459
	Environment <Envt>	[1..1]	±		459
	Transaction <Tx>	[1..1]			466
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		466
	TransactionIdentification <TxId>	[1..1]	±		467
	Response <Rspn>	[1..1]	CodeSet		467

13.4.2.1 TransactionTotals <TxTtls>

Presence: [0..*]

Definition: Totals of transactions of all the data sets.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		422
	CardBrand <CardBrnd>	[0..1]	Text		422
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		423
	Currency <Ccy>	[0..1]	CodeSet	C1	423
	Type <Tp>	[1..1]	CodeSet		423
	TotalNumber <TtlNb>	[1..1]	Quantity		423
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		424

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 1766

13.4.2.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1766

13.4.2.1.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 1766

13.4.2.1.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

13.4.2.1.5 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals2Code" on page 1756

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.

13.4.2.1.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1762

13.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

13.4.2.2 DataSet <DataSet>

Presence: [0..*]

Definition: Information related to the previously sent set of transaction.

DataSet <DataSet> contains the following **CardPaymentDataSet36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			427
	Name <Nm>	[1..1]	Text		427
	Type <Tp>	[1..1]	CodeSet		427
	Version <Vrsn>	[0..1]	Text		428
	CreationDateTime <CreDtTm>	[1..1]	DateTime		428
	DataSetResult <DataSetRslt>	[1..1]			428
	Response <Rspn>	[1..1]	CodeSet		428
	ResponseReason <RspnRsn>	[0..1]	Text		428
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		429
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		429
	DataSetInitiator <DataSetInitr>	[0..1]	±		429
	TransactionTotals <TxTtls>	[1..*]			429
	POIGroupIdentification <POIGrpld>	[0..1]	Text		430
	CardBrand <CardBrnd>	[0..1]	Text		430
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		430
	Currency <Ccy>	[0..1]	CodeSet	C1	430
	Type <Tp>	[1..1]	CodeSet		430
	TotalNumber <TtlNb>	[1..1]	Quantity		431
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		431
	RejectedTransaction <RjctdTx>	[0..*]			431
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		432
	TransactionResponse <TxRspn>	[1..1]			432
	Response <Rspn>	[1..1]	CodeSet		432
	ResponseReason <RspnRsn>	[0..1]	Text		433
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		433
	Environment <Envt>	[1..1]	±		433
	Transaction <Tx>	[1..1]			439
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		439
	TransactionIdentification <TxId>	[1..1]	±		440
	Response <Rspn>	[1..1]	CodeSet		440
	SuspendedTransaction <SspdTx>	[0..*]			440

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		441
	TransactionResponse <TxRspn>	[1..1]			441
	Response <Rspn>	[1..1]	CodeSet		441
	ResponseReason <RspnRsn>	[0..1]	Text		441
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		441
	Environment <Envvt>	[1..1]	±		441
	Transaction <Tx>	[1..1]			448
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		448
	TransactionIdentification <TxId>	[1..1]	±		449
	Response <Rspn>	[1..1]	CodeSet		449
	ResumedApproval <RsmdApprvl>	[0..*]			449
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		450
	TransactionResponse <TxRspn>	[1..1]			450
	Response <Rspn>	[1..1]	CodeSet		450
	ResponseReason <RspnRsn>	[0..1]	Text		450
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		450
	Environment <Envvt>	[1..1]	±		450
	Transaction <Tx>	[1..1]			457
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		457
	TransactionIdentification <TxId>	[1..1]	±		458
	Response <Rspn>	[1..1]	CodeSet		458
	ResumedRejection <RsmdRjctn>	[0..*]			458
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		459
	TransactionResponse <TxRspn>	[1..1]			459
	Response <Rspn>	[1..1]	CodeSet		459
	ResponseReason <RspnRsn>	[0..1]	Text		459
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		459
	Environment <Envvt>	[1..1]	±		459
	Transaction <Tx>	[1..1]			466
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		466
	TransactionIdentification <TxId>	[1..1]	±		467

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		467

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
	Name <Nm>	[1..1]	Text		427
	Type <Tp>	[1..1]	CodeSet		427
	Version <Vrsn>	[0..1]	Text		428
	CreationDateTime <CreDtTm>	[1..1]	DateTime		428

13.4.2.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 1765

13.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 1728

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.

CodeName	Name	Definition
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 1765**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 1759**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
	Response <Rspn>	[1..1]	CodeSet		428
	ResponseReason <RspnRsn>	[0..1]	Text		428
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		429

13.4.2.2.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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 1766

13.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1764

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 1761):

- *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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

13.4.2.2.5 TransactionTotals <TxTtls>

Presence: [1..*]

Definition: Transaction totals of the batch.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		430
	CardBrand <CardBrnd>	[0..1]	Text		430
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		430
	Currency <Ccy>	[0..1]	CodeSet	C1	430
	Type <Tp>	[1..1]	CodeSet		430
	TotalNumber <TtlNb>	[1..1]	Quantity		431
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		431

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 1766

13.4.2.2.5.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1766

13.4.2.2.5.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 1766

13.4.2.2.5.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

13.4.2.2.5.5 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals2Code" on page 1756

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.

13.4.2.2.5.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1762

13.4.2.2.5.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

13.4.2.2.6 RejectedTransaction <RjctdTx>

Presence: [0..*]

Definition: Transaction in the batch, whose capture has been rejected.

RejectedTransaction <RjctdTx> contains the following **CardPaymentDataSet35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		432
	TransactionResponse <TxRspn>	[1..1]			432
	Response <Rspn>	[1..1]	CodeSet		432
	ResponseReason <RspnRsn>	[0..1]	Text		433
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		433
	Environment <Envt>	[1..1]	±		433
	Transaction <Tx>	[1..1]			439
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		439
	TransactionIdentification <TxId>	[1..1]	±		440
	Response <Rspn>	[1..1]	CodeSet		440

13.4.2.2.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1768

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
	Response <Rspn>	[1..1]	CodeSet		432
	ResponseReason <RspnRsn>	[0..1]	Text		433
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		433

13.4.2.2.6.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1748

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

CodeName	Name	Definition
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 1766

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 1764

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 elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <CrdhldrId>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <DrvrId>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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		439
	TransactionIdentification <TxId>	[1..1]	±		440
	Response <Rspn>	[1..1]	CodeSet		440

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 1766

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

13.4.2.2.6.4.3 Response <Rspn>*Presence:* [1..1]*Definition:* Result of a requested service.*Datatype:* "[Response1Code](#)" on page 1748

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
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 **CardPaymentDataSet35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		441
	TransactionResponse <TxRspn>	[1..1]			441
	Response <Rspn>	[1..1]	CodeSet		441
	ResponseReason <RspnRsn>	[0..1]	Text		441
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		441
	Environment <Envnt>	[1..1]	±		441
	Transaction <Tx>	[1..1]			448
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		448
	TransactionIdentification <TxId>	[1..1]	±		449
	Response <Rspn>	[1..1]	CodeSet		449

13.4.2.2.7.1 TransactionSequenceCounter <TxSeqCntr>*Presence:* [1..1]*Definition:* Sequential counter of the transaction.*Datatype:* "Max9NumericText" on page 1768**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
	Response <Rspn>	[1..1]	CodeSet		441
	ResponseReason <RspnRsn>	[0..1]	Text		441
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		441

13.4.2.2.7.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

13.4.2.2.7.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**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 1764**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 elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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		448
	TransactionIdentification <TxId>	[1..1]	±		449
	Response <Rspn>	[1..1]	CodeSet		449

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 1766

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

13.4.2.2.7.4.3 Response <Rspn>*Presence:* [1..1]*Definition:* Result of a requested service.*Datatype:* "[Response1Code](#)" on page 1748

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
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 <RsmdApprvl>** contains the following **CardPaymentDataSet35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		450
	TransactionResponse <TxRspn>	[1..1]			450
	Response <Rspn>	[1..1]	CodeSet		450
	ResponseReason <RspnRsn>	[0..1]	Text		450
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		450
	Environment <Envt>	[1..1]	±		450
	Transaction <Tx>	[1..1]			457
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		457
	TransactionIdentification <TxId>	[1..1]	±		458
	Response <Rspn>	[1..1]	CodeSet		458

13.4.2.2.8.1 TransactionSequenceCounter <TxSeqCntr>*Presence:* [1..1]*Definition:* Sequential counter of the transaction.*Datatype:* "Max9NumericText" on page 1768**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
	Response <Rspn>	[1..1]	CodeSet		450
	ResponseReason <RspnRsn>	[0..1]	Text		450
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		450

13.4.2.2.8.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

13.4.2.2.8.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**13.4.2.2.8.2.3 AdditionalResponseInformation <AddtlRspnInf>***Presence:* [0..1]*Definition:* Additional information on the response for further examination.*Datatype:* "Max140Text" on page 1764**13.4.2.2.8.3 Environment <Envt>***Presence:* [1..1]

Definition: Data related to the environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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		457
	TransactionIdentification <TxId>	[1..1]	±		458
	Response <Rspn>	[1..1]	CodeSet		458

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 1766

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

13.4.2.2.8.4.3 Response <Rspn>*Presence:* [1..1]*Definition:* Result of a requested service.*Datatype:* "[Response1Code](#)" on page 1748

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
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 **CardPaymentDataSet35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		459
	TransactionResponse <TxRspn>	[1..1]			459
	Response <Rspn>	[1..1]	CodeSet		459
	ResponseReason <RspnRsn>	[0..1]	Text		459
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		459
	Environment <Envt>	[1..1]	±		459
	Transaction <Tx>	[1..1]			466
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		466
	TransactionIdentification <TxId>	[1..1]	±		467
	Response <Rspn>	[1..1]	CodeSet		467

13.4.2.2.9.1 TransactionSequenceCounter <TxSeqCntr>*Presence:* [1..1]*Definition:* Sequential counter of the transaction.*Datatype:* "Max9NumericText" on page 1768**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
	Response <Rspn>	[1..1]	CodeSet		459
	ResponseReason <RspnRsn>	[0..1]	Text		459
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		459

13.4.2.2.9.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

13.4.2.2.9.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**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 1764**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 elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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		466
	TransactionIdentification <TxId>	[1..1]	±		467
	Response <Rspn>	[1..1]	CodeSet		467

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 1766

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 1620](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

13.4.2.2.9.4.3 Response <Rspn>*Presence:* [1..1]*Definition:* Result of a requested service.*Datatype:* "[Response1Code](#)" on [page 1748](#)

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
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 elements (see "[ContentInformationType37](#)" on [page 1685](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

14 caaa.013.001.12 AcceptorDiagnosticRequestV12

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 AcceptorDiagnosticRequestV12 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]			
	Header <Hdr>	[1..1]			469
	MessageFunction <MsgFctn>	[1..1]	CodeSet		469
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		471
	ExchangeIdentification <XchgId>	[1..1]	Quantity		471
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		471
	CreationDateTime <CreDtTm>	[1..1]	DateTime		471
	InitiatingParty <InitgPty>	[1..1]	±		471
	RecipientParty <RcptPty>	[0..1]	±		472
	Traceability <Tracblt>	[0..*]	±		472
	DiagnosticRequest <DgnstcReq>	[1..1]			473
	Environment <Envt>	[1..1]	±		473
	AcquirerAvailabilityRequested <AcqrrAvlbyReqd>	[0..1]	Indicator		479
	SecurityTrailer <SctyTrlr>	[0..1]	±		479

14.3 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.

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		469
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		471
	ExchangeIdentification <XchgId>	[1..1]	Quantity		471
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		471
	CreationDateTime <CreDtTm>	[1..1]	DateTime		471
	InitiatingParty <InitgPty>	[1..1]	±		471
	RecipientParty <RcptPty>	[0..1]	±		472
	Traceability <Tracblt>	[0..*]	±		472

14.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

14.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

14.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

14.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

14.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctr>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

14.4.2 DiagnosticRequest <DgnstcReq>

Presence: [1..1]

Definition: Information related to the diagnostic request.

DiagnosticRequest <DgnstcReq> contains the following **AcceptorDiagnosticRequest12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		473
	AcquirerAvailabilityRequested <AcqrrAvlbttyReqd>	[0..1]	Indicator		479

14.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

14.4.2.2 AcquirerAvailabilityRequested <AcqrrAvlbyReqd>

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 1761):

- *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 elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

15 caaa.014.001.11 AcceptorDiagnosticResponseV11

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 AcceptorDiagnosticResponseV11 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]			
	Header <Hdr>	[1..1]			483
	MessageFunction <MsgFctn>	[1..1]	CodeSet		483
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		485
	ExchangeIdentification <XchgId>	[1..1]	Quantity		485
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		485
	CreationDateTime <CreDtTm>	[1..1]	DateTime		485
	InitiatingParty <InitgPty>	[1..1]	±		485
	RecipientParty <RcptPty>	[0..1]	±		485
	Traceability <Tracblt>	[0..*]	±		486
	DiagnosticResponse <DgnstcRspn>	[1..1]			486
	Environment <Envt>	[1..1]	±		487
	TMSTrigger <TMSTrggr>	[0..1]			493
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		493
	TMSIdentification <TMSId>	[0..1]	Text		494
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		494
	AcquirerAvailable <AcqrrAvlbl>	[0..1]	Indicator		494
	SecurityTrailer <SctyTrlr>	[0..1]	±		494

15.3 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.

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		483
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		485
	ExchangeIdentification <XchgId>	[1..1]	Quantity		485
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		485
	CreationDateTime <CreDtTm>	[1..1]	DateTime		485
	InitiatingParty <InitgPty>	[1..1]	±		485
	RecipientParty <RcptPty>	[0..1]	±		485
	Traceability <Tracblt>	[0..*]	±		486

15.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.

CodeName	Name	Definition
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

15.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

15.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

15.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

15.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

15.4.2 DiagnosticResponse <DgnstcRspn>

Presence: [1..1]

Definition: Information related to the diagnostic response.

DiagnosticResponse <DgnstcRspn> contains the following **AcceptorDiagnosticResponse10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		487
	TMSTrigger <TMSTrggr>	[0..1]			493
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		493
	TMSIdentification <TMSId>	[0..1]	Text		494
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		494
	AcquirerAvailable <AcqrrAvlbl>	[0..1]	Indicator		494

15.4.2.1 Environment <Envt>

Presence: [1..1]
Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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		493
	TMSIdentification <TMSId>	[0..1]	Text		494
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		494

15.4.2.2.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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 1766

15.4.2.2.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1759

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 1761):

- *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 elements (see "ContentInformationType37" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

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]			
	Header <Hdr>	[1..1]			496
	MessageFunction <MsgFctn>	[1..1]	CodeSet		496
	ProtocolVersion <PrctlVrsn>	[1..1]	Text		496
	ExchangeIdentification <XchgId>	[0..1]	Quantity		496
	CreationDateTime <CreDtTm>	[1..1]	DateTime		496
	InitiatingParty <InitgPty>	[0..1]	±		497
	RecipientParty <RcptPty>	[0..1]	±		497
	Traceability <Tracblt>	[0..*]	±		498
	Reject <Rjct>	[1..1]			498
	RejectReason <RjctRsn>	[1..1]	CodeSet		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		499
	MessageInError <MsgInErr>	[0..1]	Binary		499

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
	MessageFunction <MsgFctn>	[1..1]	CodeSet		496
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		496
	ExchangeIdentification <Xchgld>	[0..1]	Quantity		496
	CreationDateTime <CreDtTm>	[1..1]	DateTime		496
	InitiatingParty <InitgPty>	[0..1]	±		497
	RecipientParty <RcptPty>	[0..1]	±		497
	Traceability <Tracblt>	[0..*]	±		498

16.3.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction9Code" on page 1738

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 1767

16.3.1.3 ExchangeIdentification <Xchgld>

Presence: [0..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

16.3.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

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
	RejectReason <RjctRsn>	[1..1]	CodeSet		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		499
	MessageInError <MsgInErr>	[0..1]	Binary		499

16.3.2.1 RejectReason <RjctRsn>

Presence: [1..1]

Definition: Reject reason of the request or the advice.

Datatype: "RejectReason1Code" on page 1747

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 1767

16.3.2.3 MessageInError <MsgInErr>

Presence: [0..1]

Definition: Original request that caused the recipient party to reject it.

Datatype: "Max100KBinary" on page 1702

17 caaa.016.001.11 AcceptorCurrencyConversionRequestV11

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 AcceptorCurrencyConversionRequestV11 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]			501
	MessageFunction <MsgFctn>	[1..1]	CodeSet		501
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		503
	ExchangeIdentification <XchgId>	[1..1]	Quantity		503
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		503
	CreationDateTime <CreDtTm>	[1..1]	DateTime		503
	InitiatingParty <InitgPty>	[1..1]	±		503
	RecipientParty <RcptPty>	[0..1]	±		504
	Traceability <Tracblt>	[0..*]	±		504
	CurrencyConversionRequest <CcyConvsReq>	[1..1]			505
	Environment <Envt>	[1..1]	±		505
	Transaction <Tx>	[0..1]	±		511
	SecurityTrailer <SctyTrlr>	[0..1]	±		516

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 CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

C4 ValidationByTable

Must be a valid terrestrial language.

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		501
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		503
	ExchangeIdentification <XchgId>	[1..1]	Quantity		503
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		503
	CreationDateTime <CreDtTm>	[1..1]	DateTime		503
	InitiatingParty <InitgPty>	[1..1]	±		503
	RecipientParty <RcptPty>	[0..1]	±		504
	Traceability <Tracblt>	[0..*]	±		504

17.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

17.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

17.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

17.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

17.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

17.4.2 CurrencyConversionRequest <CcyConvsReq>

Presence: [1..1]

Definition: Information related to the currency conversion request.

CurrencyConversionRequest <CcyConvsReq> contains the following
AcceptorCurrencyConversionRequest11 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		505
	Transaction <Tx>	[0..1]	±		511

17.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltdAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

17.4.2.2 Transaction <Tx>

Presence: [0..1]

Definition: Card payment transaction for which the currency conversion is requested.

Transaction <Tx> contains the following elements (see "CardPaymentTransaction136" on page 1393 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1398
	TransactionType <TxTp>	[1..1]	CodeSet		1398
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1399
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1399
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1400
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1400
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1400
	TransactionIdentification <TxId>	[1..1]	±		1400
	OriginalTransaction <OrgnlTx>	[0..1]			1401
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	TransactionIdentification <TxId>	[1..1]	±		1403
	POIdentification <POId>	[1..1]	±		1403
	CurrencyConversion <CcyConvs>	[0..1]			1403
	Result <Rslt>	[1..1]	CodeSet		1406
	ResultReason <RsltRsn>	[0..1]	Text		1406
	ConversionDetails <ConvsDtls>	[0..*]			1406
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1408
	TargetCurrency <TrgtCcy>	[1..1]			1408
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1408
	NumericCode <NmrcCd>	[1..1]	Text		1408
	Decimal <Dcml>	[1..1]	Quantity		1408
	Name <Nm>	[0..1]	Text		1408
	ResultingAmount <RsltAmt>	[0..1]	Amount		1409
	ExchangeRate <XchgRate>	[1..1]	Rate		1409
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1409
	QuotationDate <QtnDt>	[0..1]	DateTime		1409
	ValidFrom <VldFr>	[0..1]	DateTime		1409
	ValidUntil <VldUntil>	[0..1]	DateTime		1409
	SourceCurrency <SrcCcy>	[1..1]			1409
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1410

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		1410
	Decimal <Dcml>	[0..1]	Quantity		1410
	Name <Nm>	[0..1]	Text		1410
	ApplicableBinRange <AplblBinRg>	[0..*]			1410
	LowerBin <LwrBin>	[1..1]	Text		1411
	HigherBin <HghrBin>	[1..1]	Text		1411
	OriginalAmount <OrgnlAmt>	[0..1]			1411
	ActualAmount <ActlAmt>	[0..1]	Amount		1411
	MinimumAmount <MinAmt>	[0..1]	Amount		1411
	MaximumAmount <MaxAmt>	[0..1]	Amount		1411
	CommissionDetails <ComssnDtls>	[0..*]			1412
	Amount <Amt>	[1..1]	Amount		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	MarkUpDetails <MrkUpDtls>	[0..*]			1412
	Rate <Rate>	[1..1]	Rate		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1412
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1413
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1413
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1413
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1413
	TransactionDetails <TxDtls>	[1..1]			1414
	Currency <Ccy>	[0..1]	CodeSet	C1	1417
	TotalAmount <TtlAmt>	[1..1]	Amount		1417
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1417
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1417
	DetailedAmount <DtldAmt>	[0..1]	±		1417
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1418
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1418
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1418
	ValidityDate <VldtyDt>	[0..1]	Date		1418

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1418
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1419
	AccountType <AcctTp>	[0..1]	CodeSet		1419
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1420
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1422
	Conversion <Convs>	[0..1]			1422
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1424
	TargetCurrency <TrgtCcy>	[1..1]			1424
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1424
	NumericCode <NmrcCd>	[1..1]	Text		1424
	Decimal <Dcml>	[1..1]	Quantity		1424
	Name <Nm>	[0..1]	Text		1424
	ResultingAmount <RsltAmt>	[0..1]	Amount		1425
	ExchangeRate <XchgRate>	[1..1]	Rate		1425
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1425
	QuotationDate <QtnDt>	[0..1]	DateTime		1425
	ValidFrom <VldFr>	[0..1]	DateTime		1425
	ValidUntil <VldUntil>	[0..1]	DateTime		1425
	SourceCurrency <SrcCcy>	[1..1]			1425
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1426
	NumericCode <NmrcCd>	[0..1]	Text		1426
	Decimal <Dcml>	[0..1]	Quantity		1426
	Name <Nm>	[0..1]	Text		1426
	ApplicableBinRange <AplblBinRg>	[0..*]			1426
	LowerBin <LwrBin>	[1..1]	Text		1427
	HigherBin <HghrBin>	[1..1]	Text		1427
	OriginalAmount <OrgnlAmt>	[0..1]			1427
	ActualAmount <ActlAmt>	[0..1]	Amount		1427
	MinimumAmount <MinAmt>	[0..1]	Amount		1427
	MaximumAmount <MaxAmt>	[0..1]	Amount		1427
	CommissionDetails <ComssnDtls>	[0..*]			1428

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	MarkUpDetails <MrkUpDtls>	[0..*]			1428
	Rate <Rate>	[1..1]	Rate		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1428
	Instalment <Instlmt>	[0..*]	±		1429
	Recurring <Rcrng>	[0..1]	±		1430
	AggregationTransaction <AggtTx>	[0..1]	±		1431
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1431
	SaleItem <SaleItm>	[0..*]	±		1431
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1432
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1432
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1432
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1432
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1433
	AdditionalInformation <AddtlInf>	[0..*]			1433
	Identification <Id>	[1..1]	Text		1433
	Value <Val>	[0..1]	Binary		1433
	ProtectedValue <PrctdVal>	[0..1]	±		1433
	Type <Tp>	[0..1]	Text		1434
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1434
	AuthorisationResult <AuthstnRslt>	[0..1]			1434
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1434
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1435
	Response <Rspn>	[1..1]	CodeSet		1435
	ResponseReason <RspnRsn>	[0..1]	Text		1435
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1436
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1436
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1436
	CustomerOrder <CstmrOrd>	[0..1]	±		1436

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerToken <CstmrTkn>	[0..1]	±		1436
	CustomerConsent <CstmrChsnt>	[0..1]	Indicator		1437
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1437
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1437
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1437
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1438
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1438
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1438

17.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

18 caaa.017.001.11 AcceptorCurrencyConversionResponseV11

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 AcceptorCurrencyConversionResponseV11 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]			522
	MessageFunction <MsgFctn>	[1..1]	CodeSet		522
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		524
	ExchangeIdentification <XchgId>	[1..1]	Quantity		524
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		524
	CreationDateTime <CreDtTm>	[1..1]	DateTime		524
	InitiatingParty <InitgPty>	[1..1]	±		524
	RecipientParty <RcptPty>	[0..1]	±		525
	Traceability <Tracblt>	[0..*]	±		525
	CurrencyConversionResponse <CcyConvsRspn>	[1..1]			526
	Environment <Envt>	[1..1]	±		530
	Transaction <Tx>	[1..1]			536
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		539
	TransactionIdentification <TxId>	[1..1]	±		539
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		539
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		539
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		539
	InterchangeData <IntrchgData>	[0..1]	Text		540
	TransactionDetails <TxDtls>	[1..1]			540
	Currency <Ccy>	[0..1]	CodeSet	C1	543
	TotalAmount <TtlAmt>	[1..1]	Amount		543
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		543
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		543
	DetailedAmount <DtldAmt>	[0..1]	±		543
	RequestedAmount <ReqdAmt>	[0..1]	Amount		544
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		544
	InvoiceAmount <InvcAmt>	[0..1]	Amount		544
	ValidityDate <VldtyDt>	[0..1]	Date		544
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		544

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		545
	AccountType <AcctTp>	[0..1]	CodeSet		545
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			546
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		548
	Conversion <Convs>	[0..1]			548
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		550
	TargetCurrency <TrgtCcy>	[1..1]			550
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	550
	NumericCode <NmrcCd>	[1..1]	Text		550
	Decimal <Dcml>	[1..1]	Quantity		550
	Name <Nm>	[0..1]	Text		550
	ResultingAmount <RsItgAmt>	[0..1]	Amount		551
	ExchangeRate <XchgRate>	[1..1]	Rate		551
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		551
	QuotationDate <QtnDt>	[0..1]	DateTime		551
	ValidFrom <VldFr>	[0..1]	DateTime		551
	ValidUntil <VldUntil>	[0..1]	DateTime		551
	SourceCurrency <SrcCcy>	[1..1]			551
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	552
	NumericCode <NmrcCd>	[0..1]	Text		552
	Decimal <Dcml>	[0..1]	Quantity		552
	Name <Nm>	[0..1]	Text		552
	ApplicableBinRange <AplblBinRg>	[0..*]			552
	LowerBin <LwrBin>	[1..1]	Text		553
	HigherBin <HghrBin>	[1..1]	Text		553
	OriginalAmount <OrgnlAmt>	[0..1]			553
	ActualAmount <ActlAmt>	[0..1]	Amount		553
	MinimumAmount <MinAmt>	[0..1]	Amount		553
	MaximumAmount <MaxAmt>	[0..1]	Amount		553
	CommissionDetails <ComssnDtls>	[0..*]			554
	Amount <Amt>	[1..1]	Amount		554

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	MarkUpDetails <MrkUpDtls>	[0..*]			554
	Rate <Rate>	[1..1]	Rate		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	DeclarationDetails <DclrtnDtls>	[0..*]	±		554
	Instalment <Instlmt>	[0..*]	±		555
	Recurring <Rcrng>	[0..1]	±		556
	AggregationTransaction <AggtnTx>	[0..1]	±		557
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		557
	SaleItem <Saleitm>	[0..*]	±		557
	DeliveryLocation <DivryLctn>	[0..1]	Text		558
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		558
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		558
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		558
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		559
	AdditionalInformation <AddtlInf>	[0..*]			559
	Identification <Id>	[1..1]	Text		559
	Value <Val>	[0..1]	Binary		559
	ProtectedValue <PrctcdVal>	[0..1]	±		559
	Type <Tp>	[0..1]	Text		560
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		560
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		560
	CurrencyConversionResult <CcyConvsRslt>	[1..1]			560
	Result <Rslt>	[1..1]	CodeSet		562
	ResultReason <RsltRsn>	[0..1]	Text		562
	ConversionDetails <ConvsDtls>	[0..*]			562
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		564
	TargetCurrency <TrgtCcy>	[1..1]			564
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	564
	NumericCode <NmrcCd>	[1..1]	Text		564
	Decimal <Dcml>	[1..1]	Quantity		564

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		564
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		565
	ExchangeRate <XchgRate>	[1..1]	Rate		565
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		565
	QuotationDate <QtnDt>	[0..1]	DateTime		565
	ValidFrom <VldFr>	[0..1]	DateTime		565
	ValidUntil <VldUntil>	[0..1]	DateTime		565
	SourceCurrency <SrcCcy>	[1..1]			565
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	566
	NumericCode <NmrcCd>	[0..1]	Text		566
	Decimal <Dcml>	[0..1]	Quantity		566
	Name <Nm>	[0..1]	Text		566
	ApplicableBinRange <AplblBinRg>	[0..*]			566
	LowerBin <LwrBin>	[1..1]	Text		567
	HigherBin <HghrBin>	[1..1]	Text		567
	OriginalAmount <OrgnlAmt>	[0..1]			567
	ActualAmount <ActlAmt>	[0..1]	Amount		567
	MinimumAmount <MinAmt>	[0..1]	Amount		567
	MaximumAmount <MaxAmt>	[0..1]	Amount		567
	CommissionDetails <ComssnDtls>	[0..*]			568
	Amount <Amt>	[1..1]	Amount		568
	AdditionalInformation <AddtlInf>	[0..1]	Text		568
	MarkUpDetails <MrkUpDtls>	[0..*]			568
	Rate <Rate>	[1..1]	Rate		568
	AdditionalInformation <AddtlInf>	[0..1]	Text		568
	DeclarationDetails <DclrtDtls>	[0..*]	±		568
	SecurityTrailer <SctyTrlr>	[0..1]	±		569

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 **CurrencyAmount**
The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.
- C4 **ValidationByTable**
Must be a valid terrestrial language.

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		522
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		524
	ExchangeIdentification <XchgId>	[1..1]	Quantity		524
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		524
	CreationDateTime <CreDtTm>	[1..1]	DateTime		524
	InitiatingParty <InitgPty>	[1..1]	±		524
	RecipientParty <RcptPty>	[0..1]	±		525
	Traceability <Tracblt>	[0..*]	±		525

18.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]
Definition: Identifies the type of process related to the message.
Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

18.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

18.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

18.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

18.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctr>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

18.4.2 CurrencyConversionResponse <CcyConvsRspn>

Presence: [1..1]

Definition: Information related to the outcome of the currency conversion.

CurrencyConversionResponse <CcyConvsRspn> contains the following
AcceptorCurrencyConversionResponse11 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		530
	Transaction <Tx>	[1..1]			536
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		539
	TransactionIdentification <TxId>	[1..1]	±		539
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		539
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		539
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		539
	InterchangeData <IntrchnngData>	[0..1]	Text		540
	TransactionDetails <TxDtls>	[1..1]			540
	Currency <Ccy>	[0..1]	CodeSet	C1	543
	TotalAmount <TtlAmt>	[1..1]	Amount		543
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		543
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		543
	DetailedAmount <DtldAmt>	[0..1]	±		543
	RequestedAmount <ReqdAmt>	[0..1]	Amount		544
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		544
	InvoiceAmount <InvcAmt>	[0..1]	Amount		544
	ValidityDate <VldtyDt>	[0..1]	Date		544
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		544
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		545
	AccountType <AcctTp>	[0..1]	CodeSet		545
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			546
	AcceptedByCardholder <AcptdByCrdhlr>	[0..1]	Indicator		548
	Conversion <Convs>	[0..1]			548
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		550
	TargetCurrency <TrgtCcy>	[1..1]			550
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	550
	NumericCode <NmrcCd>	[1..1]	Text		550
	Decimal <Dcml>	[1..1]	Quantity		550
	Name <Nm>	[0..1]	Text		550

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		551
	ExchangeRate <XchgRate>	[1..1]	Rate		551
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		551
	QuotationDate <QtnDt>	[0..1]	DateTime		551
	ValidFrom <VldFr>	[0..1]	DateTime		551
	ValidUntil <VldUntil>	[0..1]	DateTime		551
	SourceCurrency <SrcCcy>	[1..1]			551
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	552
	NumericCode <NmrcCd>	[0..1]	Text		552
	Decimal <Dcml>	[0..1]	Quantity		552
	Name <Nm>	[0..1]	Text		552
	ApplicableBinRange <AplblBinRg>	[0..*]			552
	LowerBin <LwrBin>	[1..1]	Text		553
	HigherBin <HghrBin>	[1..1]	Text		553
	OriginalAmount <OrgnlAmt>	[0..1]			553
	ActualAmount <ActlAmt>	[0..1]	Amount		553
	MinimumAmount <MinAmt>	[0..1]	Amount		553
	MaximumAmount <MaxAmt>	[0..1]	Amount		553
	CommissionDetails <ComssnDtls>	[0..*]			554
	Amount <Amt>	[1..1]	Amount		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	MarkUpDetails <MrkUpDtls>	[0..*]			554
	Rate <Rate>	[1..1]	Rate		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	DeclarationDetails <Dclrtndtls>	[0..*]	±		554
	Instalment <Instlmt>	[0..*]	±		555
	Recurring <Rcrng>	[0..1]	±		556
	AggregationTransaction <AggtnTx>	[0..1]	±		557
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		557
	SaleItem <Saleitm>	[0..*]	±		557
	DeliveryLocation <DlvryLctn>	[0..1]	Text		558

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		558
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		558
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		558
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		559
	AdditionalInformation <AddtlInf>	[0..*]			559
	Identification <Id>	[1..1]	Text		559
	Value <Val>	[0..1]	Binary		559
	ProtectedValue <PrctcdVal>	[0..1]	±		559
	Type <Tp>	[0..1]	Text		560
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		560
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		560
	CurrencyConversionResult <CcyConvsRslt>	[1..1]			560
	Result <Rslt>	[1..1]	CodeSet		562
	ResultReason <RsltRsn>	[0..1]	Text		562
	ConversionDetails <ConvsDtls>	[0..*]			562
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		564
	TargetCurrency <TrgtCcy>	[1..1]			564
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	564
	NumericCode <NmrcCd>	[1..1]	Text		564
	Decimal <Dcml>	[1..1]	Quantity		564
	Name <Nm>	[0..1]	Text		564
	ResultingAmount <RsltAmt>	[0..1]	Amount		565
	ExchangeRate <XchgRate>	[1..1]	Rate		565
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		565
	QuotationDate <QtnDt>	[0..1]	DateTime		565
	ValidFrom <VldFr>	[0..1]	DateTime		565
	ValidUntil <VldUntil>	[0..1]	DateTime		565
	SourceCurrency <SrcCcy>	[1..1]			565
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	566
	NumericCode <NmrcCd>	[0..1]	Text		566
	Decimal <Dcml>	[0..1]	Quantity		566

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		566
	ApplicableBinRange <ApblBinRg>	[0..*]			566
	LowerBin <LwrBin>	[1..1]	Text		567
	HigherBin <HghrBin>	[1..1]	Text		567
	OriginalAmount <OrgnlAmt>	[0..1]			567
	ActualAmount <ActlAmt>	[0..1]	Amount		567
	MinimumAmount <MinAmt>	[0..1]	Amount		567
	MaximumAmount <MaxAmt>	[0..1]	Amount		567
	CommissionDetails <ComssnDtls>	[0..*]			568
	Amount <Amt>	[1..1]	Amount		568
	AdditionalInformation <AddtlInf>	[0..1]	Text		568
	MarkUpDetails <MrkUpDtls>	[0..*]			568
	Rate <Rate>	[1..1]	Rate		568
	AdditionalInformation <AddtlInf>	[0..1]	Text		568
	DeclarationDetails <DclrtDtls>	[0..*]	±		568

18.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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 **CardPaymentTransaction137** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		539
	TransactionIdentification <TxId>	[1..1]	±		539
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		539
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		539
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		539
	InterchangeData <IntrchgData>	[0..1]	Text		540
	TransactionDetails <TxDtls>	[1..1]			540
	Currency <Ccy>	[0..1]	CodeSet	C1	543
	TotalAmount <TtlAmt>	[1..1]	Amount		543
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		543
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		543
	DetailedAmount <DtlAmt>	[0..1]	±		543
	RequestedAmount <ReqdAmt>	[0..1]	Amount		544
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		544
	InvoiceAmount <InvcAmt>	[0..1]	Amount		544
	ValidityDate <VldtyDt>	[0..1]	Date		544
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		544
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		545
	AccountType <AcctTp>	[0..1]	CodeSet		545
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			546
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		548
	Conversion <Convs>	[0..1]			548
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		550
	TargetCurrency <TrgtCcy>	[1..1]			550
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	550
	NumericCode <NmrcCd>	[1..1]	Text		550
	Decimal <Dcml>	[1..1]	Quantity		550
	Name <Nm>	[0..1]	Text		550
	ResultingAmount <RsltgAmt>	[0..1]	Amount		551
	ExchangeRate <XchgRate>	[1..1]	Rate		551
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		551

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		551
	ValidFrom <VldFr>	[0..1]	DateTime		551
	ValidUntil <VldUntil>	[0..1]	DateTime		551
	SourceCurrency <SrcCcy>	[1..1]			551
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	552
	NumericCode <NmrcCd>	[0..1]	Text		552
	Decimal <Dcml>	[0..1]	Quantity		552
	Name <Nm>	[0..1]	Text		552
	ApplicableBinRange <AplblBinRg>	[0..*]			552
	LowerBin <LwrBin>	[1..1]	Text		553
	HigherBin <HghrBin>	[1..1]	Text		553
	OriginalAmount <OrgnlAmt>	[0..1]			553
	ActualAmount <ActlAmt>	[0..1]	Amount		553
	MinimumAmount <MinAmt>	[0..1]	Amount		553
	MaximumAmount <MaxAmt>	[0..1]	Amount		553
	CommissionDetails <ComssnDtls>	[0..*]			554
	Amount <Amt>	[1..1]	Amount		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	MarkUpDetails <MrkUpDtls>	[0..*]			554
	Rate <Rate>	[1..1]	Rate		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	DeclarationDetails <DclrtDtls>	[0..*]	±		554
	Instalment <Instlmt>	[0..*]	±		555
	Recurring <Rcrng>	[0..1]	±		556
	AggregationTransaction <AggtnTx>	[0..1]	±		557
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		557
	SaleItem <Saleitm>	[0..*]	±		557
	DeliveryLocation <DlvryLctn>	[0..1]	Text		558
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		558
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		558
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		558

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		559
	AdditionalInformation <AddtlInf>	[0..*]			559
	Identification <Id>	[1..1]	Text		559
	Value <Val>	[0..1]	Binary		559
	ProtectedValue <PrctcdVal>	[0..1]	±		559
	Type <Tp>	[0..1]	Text		560
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		560
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		560

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 1766

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

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 1766

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 1764

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 1766

18.4.2.2.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1764

18.4.2.2.7 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	543
	TotalAmount <TtlAmt>	[1..1]	Amount		543
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		543
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		543
	DetailedAmount <DtldAmt>	[0..1]	±		543
	RequestedAmount <ReqdAmt>	[0..1]	Amount		544
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		544
	InvoiceAmount <InvcAmt>	[0..1]	Amount		544
	ValidityDate <VldtyDt>	[0..1]	Date		544
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		544
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		545
	AccountType <AcctTp>	[0..1]	CodeSet		545
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			546
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		548
	Conversion <Convs>	[0..1]			548
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		550
	TargetCurrency <TrgtCcy>	[1..1]			550
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	550
	NumericCode <NmrcCd>	[1..1]	Text		550
	Decimal <Dcml>	[1..1]	Quantity		550
	Name <Nm>	[0..1]	Text		550
	ResultingAmount <RsltgAmt>	[0..1]	Amount		551
	ExchangeRate <XchgRate>	[1..1]	Rate		551
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		551
	QuotationDate <QtnDt>	[0..1]	DateTime		551
	ValidFrom <VldFr>	[0..1]	DateTime		551
	ValidUntil <VldUntil>	[0..1]	DateTime		551
	SourceCurrency <SrcCcy>	[1..1]			551
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	552
	NumericCode <NmrcCd>	[0..1]	Text		552
	Decimal <Dcml>	[0..1]	Quantity		552

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		552
	ApplicableBinRange <ApblBinRg>	[0..*]			552
	LowerBin <LwrBin>	[1..1]	Text		553
	HigherBin <HghrBin>	[1..1]	Text		553
	OriginalAmount <OrgnlAmt>	[0..1]			553
	ActualAmount <ActlAmt>	[0..1]	Amount		553
	MinimumAmount <MinAmt>	[0..1]	Amount		553
	MaximumAmount <MaxAmt>	[0..1]	Amount		553
	CommissionDetails <ComssnDtls>	[0..*]			554
	Amount <Amt>	[1..1]	Amount		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	MarkUpDetails <MrkUpDtls>	[0..*]			554
	Rate <Rate>	[1..1]	Rate		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	DeclarationDetails <DclrtDtls>	[0..*]	±		554
	Instalment <Instlmt>	[0..*]	±		555
	Recurring <Rcrng>	[0..1]	±		556
	AggregationTransaction <AggtTx>	[0..1]	±		557
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		557
	SaleItem <Saleitm>	[0..*]	±		557
	DeliveryLocation <DivryLctn>	[0..1]	Text		558
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		558
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		558
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		558
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		559
	AdditionalInformation <AddtlInf>	[0..*]			559
	Identification <Id>	[1..1]	Text		559
	Value <Val>	[0..1]	Binary		559
	ProtectedValue <PrctcdVal>	[0..1]	±		559
	Type <Tp>	[0..1]	Text		560
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		560

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 1705**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 1701**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 1701**18.4.2.2.7.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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 <DtldAmt> contains the following elements (see "DetailedAmount15" on page 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

18.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

18.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

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 1701

18.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

18.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

18.4.2.2.7.11 UnattendedLevelCategory <UattnddLvICtgy>*Presence:* [0..1]*Definition:* Transaction category level on an unattended POI (Point Of Interaction).*Datatype:* "Max35NumericText" on page 1766**18.4.2.2.7.12 AccountType <AcctTp>***Presence:* [0..1]*Definition:* Type of cardholder account used for the transaction.*Datatype:* "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.

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 **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		548
	Conversion <Convs>	[0..1]			548
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		550
	TargetCurrency <TrgtCcy>	[1..1]			550
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	550
	NumericCode <NmrcCd>	[1..1]	Text		550
	Decimal <Dcml>	[1..1]	Quantity		550
	Name <Nm>	[0..1]	Text		550
	ResultingAmount <RsltgAmt>	[0..1]	Amount		551
	ExchangeRate <XchgRate>	[1..1]	Rate		551
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		551
	QuotationDate <QtnDt>	[0..1]	DateTime		551
	ValidFrom <VldFr>	[0..1]	DateTime		551
	ValidUntil <VldUntil>	[0..1]	DateTime		551
	SourceCurrency <SrcCcy>	[1..1]			551
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	552
	NumericCode <NmrcCd>	[0..1]	Text		552
	Decimal <Dcml>	[0..1]	Quantity		552
	Name <Nm>	[0..1]	Text		552
	ApplicableBinRange <AplblBinRg>	[0..*]			552
	LowerBin <LwrBin>	[1..1]	Text		553
	HigherBin <HghrBin>	[1..1]	Text		553
	OriginalAmount <OrgnlAmt>	[0..1]			553
	ActualAmount <ActlAmt>	[0..1]	Amount		553
	MinimumAmount <MinAmt>	[0..1]	Amount		553
	MaximumAmount <MaxAmt>	[0..1]	Amount		553
	CommissionDetails <ComssnDtls>	[0..*]			554
	Amount <Amt>	[1..1]	Amount		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	MarkUpDetails <MrkUpDtls>	[0..*]			554

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	DeclarationDetails <DclrtnDtls>	[0..*]	±		554

18.4.2.2.7.13.1 AcceptedByCardholder <AcptdByCrdhdr>*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 1761):

- *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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		550
	TargetCurrency <TrgtCcy>	[1..1]			550
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	550
	NumericCode <NmrcCd>	[1..1]	Text		550
	Decimal <Dcml>	[1..1]	Quantity		550
	Name <Nm>	[0..1]	Text		550
	ResultingAmount <RsltAmt>	[0..1]	Amount		551
	ExchangeRate <XchgRate>	[1..1]	Rate		551
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		551
	QuotationDate <QtnDt>	[0..1]	DateTime		551
	ValidFrom <VldFr>	[0..1]	DateTime		551
	ValidUntil <VldUntil>	[0..1]	DateTime		551
	SourceCurrency <SrcCcy>	[1..1]			551
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	552
	NumericCode <NmrcCd>	[0..1]	Text		552
	Decimal <Dcml>	[0..1]	Quantity		552
	Name <Nm>	[0..1]	Text		552
	ApplicableBinRange <AplblBinRg>	[0..*]			552
	LowerBin <LwrBin>	[1..1]	Text		553
	HigherBin <HghrBin>	[1..1]	Text		553
	OriginalAmount <OrgnlAmt>	[0..1]			553
	ActualAmount <ActlAmt>	[0..1]	Amount		553
	MinimumAmount <MinAmt>	[0..1]	Amount		553
	MaximumAmount <MaxAmt>	[0..1]	Amount		553
	CommissionDetails <ComssnDtls>	[0..*]			554
	Amount <Amt>	[1..1]	Amount		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	MarkUpDetails <MrkUpDtls>	[0..*]			554
	Rate <Rate>	[1..1]	Rate		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554
	DeclarationDetails <DclrtDtls>	[0..*]	±		554

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 1766**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
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	550
	NumericCode <NmrcCd>	[1..1]	Text		550
	Decimal <Dcml>	[1..1]	Quantity		550
	Name <Nm>	[0..1]	Text		550

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 1705**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 1763**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 1762**18.4.2.2.7.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

18.4.2.2.7.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

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 1762

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 1762

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 1759

18.4.2.2.7.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

18.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

18.4.2.2.7.13.2.9 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	552
	NumericCode <NmrcCd>	[0..1]	Text		552
	Decimal <Dcml>	[0..1]	Quantity		552
	Name <Nm>	[0..1]	Text		552

18.4.2.2.7.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

18.4.2.2.7.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

18.4.2.2.7.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

18.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

18.4.2.2.7.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		553
	HigherBin <HghrBin>	[1..1]	Text		553

18.4.2.2.7.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

18.4.2.2.7.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

18.4.2.2.7.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		553
	MinimumAmount <MinAmt>	[0..1]	Amount		553
	MaximumAmount <MaxAmt>	[0..1]	Amount		553

18.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

18.4.2.2.7.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

18.4.2.2.7.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

18.4.2.2.7.13.2.12 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		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554

18.4.2.2.7.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**18.4.2.2.7.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**18.4.2.2.7.13.2.13 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		554
	AdditionalInformation <AddtlInf>	[0..1]	Text		554

18.4.2.2.7.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**18.4.2.2.7.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**18.4.2.2.7.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrCdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

18.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

18.4.2.2.7.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

18.4.2.2.7.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Lab>	[0..1]	Text		1609

18.4.2.2.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1763

18.4.2.2.7.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

18.4.2.2.7.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

18.4.2.2.7.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

18.4.2.2.7.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

18.4.2.2.7.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

18.4.2.2.7.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

18.4.2.2.7.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		559
	Value <Val>	[0..1]	Binary		559
	ProtectedValue <PrtctdVal>	[0..1]	±		559
	Type <Tp>	[0..1]	Text		560

18.4.2.2.7.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

18.4.2.2.7.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

18.4.2.2.7.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

18.4.2.2.7.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1763

18.4.2.2.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 1702

18.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "[Max70Text](#)" on page 1767

18.4.2.3 CurrencyConversionResult <CcyConvRsIt>

Presence: [1..1]

Definition: Details of the currency conversion.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <RsIt>	[1..1]	CodeSet		562
	ResultReason <RsItRsn>	[0..1]	Text		562
	ConversionDetails <ConvDsDtls>	[0..*]			562
	CurrencyConversionIdentification <CcyConvSld>	[0..1]	Text		564
	TargetCurrency <TrgtCcy>	[1..1]			564
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	564
	NumericCode <NmrcCd>	[1..1]	Text		564
	Decimal <Dcml>	[1..1]	Quantity		564
	Name <Nm>	[0..1]	Text		564
	ResultingAmount <RsltAmt>	[0..1]	Amount		565
	ExchangeRate <XchgRate>	[1..1]	Rate		565
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		565
	QuotationDate <QtnDt>	[0..1]	DateTime		565
	ValidFrom <VldFr>	[0..1]	DateTime		565
	ValidUntil <VldUntil>	[0..1]	DateTime		565
	SourceCurrency <SrcCcy>	[1..1]			565
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	566
	NumericCode <NmrcCd>	[0..1]	Text		566
	Decimal <Dcml>	[0..1]	Quantity		566
	Name <Nm>	[0..1]	Text		566
	ApplicableBinRange <AplblBinRg>	[0..*]			566
	LowerBin <LwrBin>	[1..1]	Text		567
	HigherBin <HghrBin>	[1..1]	Text		567
	OriginalAmount <OrgnlAmt>	[0..1]			567
	ActualAmount <ActlAmt>	[0..1]	Amount		567
	MinimumAmount <MinAmt>	[0..1]	Amount		567
	MaximumAmount <MaxAmt>	[0..1]	Amount		567
	CommissionDetails <ComssnDtls>	[0..*]			568
	Amount <Amt>	[1..1]	Amount		568
	AdditionalInformation <AddtlInf>	[0..1]	Text		568

Or	MessageElement <XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			568
	Rate <Rate>	[1..1]	Rate		568
	AdditionalInformation <AddtlInf>	[0..1]	Text		568
	DeclarationDetails <DclrtnDtls>	[0..*]	±		568

18.4.2.3.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 1728

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 1766

18.4.2.3.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		564
	TargetCurrency <TrgtCcy>	[1..1]			564
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	564
	NumericCode <NmrcCd>	[1..1]	Text		564
	Decimal <Dcml>	[1..1]	Quantity		564
	Name <Nm>	[0..1]	Text		564
	ResultingAmount <RsltAmt>	[0..1]	Amount		565
	ExchangeRate <XchgRate>	[1..1]	Rate		565
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		565
	QuotationDate <QtnDt>	[0..1]	DateTime		565
	ValidFrom <VldFr>	[0..1]	DateTime		565
	ValidUntil <VldUntil>	[0..1]	DateTime		565
	SourceCurrency <SrcCcy>	[1..1]			565
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	566
	NumericCode <NmrcCd>	[0..1]	Text		566
	Decimal <Dcml>	[0..1]	Quantity		566
	Name <Nm>	[0..1]	Text		566
	ApplicableBinRange <AplBlBinRg>	[0..*]			566
	LowerBin <LwrBin>	[1..1]	Text		567
	HigherBin <HghrBin>	[1..1]	Text		567
	OriginalAmount <OrgnlAmt>	[0..1]			567
	ActualAmount <ActlAmt>	[0..1]	Amount		567
	MinimumAmount <MinAmt>	[0..1]	Amount		567
	MaximumAmount <MaxAmt>	[0..1]	Amount		567
	CommissionDetails <ComssnDtls>	[0..*]			568
	Amount <Amt>	[1..1]	Amount		568
	AdditionalInformation <AddtlInf>	[0..1]	Text		568
	MarkUpDetails <MrkUpDtls>	[0..*]			568
	Rate <Rate>	[1..1]	Rate		568
	AdditionalInformation <AddtlInf>	[0..1]	Text		568
	DeclarationDetails <DclrtDtls>	[0..*]	±		568

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 1766**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
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	564
	NumericCode <NmrcCd>	[1..1]	Text		564
	Decimal <Dcml>	[1..1]	Quantity		564
	Name <Nm>	[0..1]	Text		564

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 1705**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 1763**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 1762**18.4.2.3.3.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

18.4.2.3.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

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 1762

18.4.2.3.3.5 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 1762

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 1759

18.4.2.3.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

18.4.2.3.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

18.4.2.3.3.9 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	566
	NumericCode <NmrcCd>	[0..1]	Text		566
	Decimal <Dcml>	[0..1]	Quantity		566
	Name <Nm>	[0..1]	Text		566

18.4.2.3.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

18.4.2.3.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

18.4.2.3.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

18.4.2.3.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

18.4.2.3.3.10 ApplicableBinRange <ApIblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		567
	HigherBin <HghrBin>	[1..1]	Text		567

18.4.2.3.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

18.4.2.3.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

18.4.2.3.3.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		567
	MinimumAmount <MinAmt>	[0..1]	Amount		567
	MaximumAmount <MaxAmt>	[0..1]	Amount		567

18.4.2.3.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

18.4.2.3.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

18.4.2.3.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

18.4.2.3.3.12 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		568
	AdditionalInformation <AddtlInf>	[0..1]	Text		568

18.4.2.3.3.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**18.4.2.3.3.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**18.4.2.3.3.13 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		568
	AdditionalInformation <AddtlInf>	[0..1]	Text		568

18.4.2.3.3.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**18.4.2.3.3.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**18.4.2.3.3.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrCdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

18.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC (message authentication code).

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

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AcceptorCurrencyConversionAdviceV08

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 AcceptorCurrencyConversionAdviceV08 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]			575
	MessageFunction <MsgFctn>	[1..1]	CodeSet		575
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		577
	ExchangeIdentification <XchgId>	[1..1]	Quantity		577
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		577
	CreationDateTime <CreDtTm>	[1..1]	DateTime		577
	InitiatingParty <InitgPty>	[1..1]	±		577
	RecipientParty <RcptPty>	[0..1]	±		578
	Traceability <Tracblt>	[0..*]	±		578
	AcceptorCurrencyConversionAdvice <AccptrCcyConvsAdv>	[1..1]			579
	Environment <Env>	[1..1]	±		583
	Transaction <Tx>	[1..1]			589
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		592
	TransactionIdentification <TxId>	[1..1]	±		592
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		592
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		592
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		592
	InterchangeData <IntrchgData>	[0..1]	Text		593
	TransactionDetails <TxDtls>	[1..1]			593
	Currency <Ccy>	[0..1]	CodeSet	C1	596
	TotalAmount <TtlAmt>	[1..1]	Amount		596
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		596
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		596
	DetailedAmount <DtldAmt>	[0..1]	±		596
	RequestedAmount <ReqdAmt>	[0..1]	Amount		597
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		597
	InvoiceAmount <InvcAmt>	[0..1]	Amount		597
	ValidityDate <VldtyDt>	[0..1]	Date		597
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		597

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		598
	AccountType <AcctTp>	[0..1]	CodeSet		598
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			599
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		601
	Conversion <Convs>	[0..1]			601
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		603
	TargetCurrency <TrgtCcy>	[1..1]			603
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	603
	NumericCode <NmrcCd>	[1..1]	Text		603
	Decimal <Dcml>	[1..1]	Quantity		603
	Name <Nm>	[0..1]	Text		603
	ResultingAmount <RsltAmt>	[0..1]	Amount		604
	ExchangeRate <XchgRate>	[1..1]	Rate		604
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		604
	QuotationDate <QtnDt>	[0..1]	DateTime		604
	ValidFrom <VldFr>	[0..1]	DateTime		604
	ValidUntil <VldUntil>	[0..1]	DateTime		604
	SourceCurrency <SrcCcy>	[1..1]			604
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	605
	NumericCode <NmrcCd>	[0..1]	Text		605
	Decimal <Dcml>	[0..1]	Quantity		605
	Name <Nm>	[0..1]	Text		605
	ApplicableBinRange <AplblBinRg>	[0..*]			605
	LowerBin <LwrBin>	[1..1]	Text		606
	HigherBin <HghrBin>	[1..1]	Text		606
	OriginalAmount <OrgnlAmt>	[0..1]			606
	ActualAmount <ActlAmt>	[0..1]	Amount		606
	MinimumAmount <MinAmt>	[0..1]	Amount		606
	MaximumAmount <MaxAmt>	[0..1]	Amount		606
	CommissionDetails <ComssnDtls>	[0..*]			607
	Amount <Amt>	[1..1]	Amount		607

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	MarkUpDetails <MrkUpDtls>	[0..*]			607
	Rate <Rate>	[1..1]	Rate		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	DeclarationDetails <DclrtnDtls>	[0..*]	±		607
	Instalment <Instlmt>	[0..*]	±		608
	Recurring <Rcrng>	[0..1]	±		609
	AggregationTransaction <AggtnTx>	[0..1]	±		610
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		610
	SaleItem <Saleitm>	[0..*]	±		610
	DeliveryLocation <DivryLctn>	[0..1]	Text		611
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		611
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		611
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		611
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..*]			612
	Identification <Id>	[1..1]	Text		612
	Value <Val>	[0..1]	Binary		612
	ProtectedValue <PrctcdVal>	[0..1]	±		612
	Type <Tp>	[0..1]	Text		613
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		613
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		613
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			613
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		615
	Conversion <Convs>	[0..1]			615
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		617
	TargetCurrency <TrgtCcy>	[1..1]			617
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	617
	NumericCode <NmrcCd>	[1..1]	Text		617
	Decimal <Dcml>	[1..1]	Quantity		617
	Name <Nm>	[0..1]	Text		617

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		618
	ExchangeRate <XchgRate>	[1..1]	Rate		618
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		618
	QuotationDate <QtnDt>	[0..1]	DateTime		618
	ValidFrom <VldFr>	[0..1]	DateTime		618
	ValidUntil <VldUntil>	[0..1]	DateTime		618
	SourceCurrency <SrcCcy>	[1..1]			618
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	619
	NumericCode <NmrcCd>	[0..1]	Text		619
	Decimal <Dcml>	[0..1]	Quantity		619
	Name <Nm>	[0..1]	Text		619
	ApplicableBinRange <AplblBinRg>	[0..*]			619
	LowerBin <LwrBin>	[1..1]	Text		620
	HigherBin <HghrBin>	[1..1]	Text		620
	OriginalAmount <OrgnlAmt>	[0..1]			620
	ActualAmount <ActlAmt>	[0..1]	Amount		620
	MinimumAmount <MinAmt>	[0..1]	Amount		620
	MaximumAmount <MaxAmt>	[0..1]	Amount		620
	CommissionDetails <ComssnDtls>	[0..*]			621
	Amount <Amt>	[1..1]	Amount		621
	AdditionalInformation <AddtlInf>	[0..1]	Text		621
	MarkUpDetails <MrkUpDtls>	[0..*]			621
	Rate <Rate>	[1..1]	Rate		621
	AdditionalInformation <AddtlInf>	[0..1]	Text		621
	DeclarationDetails <DclrtnDtls>	[0..*]	±		621
	SecurityTrailer <SctyTrlr>	[0..1]	±		622

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

CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.
- C4

ValidationByTable

Must be a valid terrestrial language.

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		575
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		577
	ExchangeIdentification <XchgId>	[1..1]	Quantity		577
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		577
	CreationDateTime <CreDtTm>	[1..1]	DateTime		577
	InitiatingParty <InitgPty>	[1..1]	±		577
	RecipientParty <RcptPty>	[0..1]	±		578
	Traceability <Tracblt>	[0..*]	±		578

19.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]
Definition: Identifies the type of process related to the message.
Datatype: "MessageFunction46Code" on page 1736

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.

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

CodeName	Name	Definition
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

19.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

19.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

19.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

19.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

19.4.2 AcceptorCurrencyConversionAdvice <AccptrCcyConvsvAdv>

Presence: [1..1]

Definition: Information related to the outcome of the currency conversion.

AcceptorCurrencyConversionAdvice <AccptrCcyConvsAdv> contains the following
AcceptorCurrencyConversionAdvice8 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Env>	[1..1]	±		583
	Transaction <Tx>	[1..1]			589
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		592
	TransactionIdentification <TxId>	[1..1]	±		592
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		592
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		592
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		592
	InterchangeData <IntrchnngData>	[0..1]	Text		593
	TransactionDetails <TxDtls>	[1..1]			593
	Currency <Ccy>	[0..1]	CodeSet	C1	596
	TotalAmount <TtlAmt>	[1..1]	Amount		596
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		596
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		596
	DetailedAmount <DtldAmt>	[0..1]	±		596
	RequestedAmount <ReqdAmt>	[0..1]	Amount		597
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		597
	InvoiceAmount <InvcAmt>	[0..1]	Amount		597
	ValidityDate <VldtyDt>	[0..1]	Date		597
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		597
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		598
	AccountType <AcctTp>	[0..1]	CodeSet		598
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			599
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		601
	Conversion <Convs>	[0..1]			601
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		603
	TargetCurrency <TrgtCcy>	[1..1]			603
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	603
	NumericCode <NmrcCd>	[1..1]	Text		603
	Decimal <Dcml>	[1..1]	Quantity		603
	Name <Nm>	[0..1]	Text		603

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		604
	ExchangeRate <XchgRate>	[1..1]	Rate		604
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		604
	QuotationDate <QtnDt>	[0..1]	DateTime		604
	ValidFrom <VldFr>	[0..1]	DateTime		604
	ValidUntil <VldUntil>	[0..1]	DateTime		604
	SourceCurrency <SrcCcy>	[1..1]			604
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	605
	NumericCode <NmrcCd>	[0..1]	Text		605
	Decimal <Dcml>	[0..1]	Quantity		605
	Name <Nm>	[0..1]	Text		605
	ApplicableBinRange <AplblBinRg>	[0..*]			605
	LowerBin <LwrBin>	[1..1]	Text		606
	HigherBin <HghrBin>	[1..1]	Text		606
	OriginalAmount <OrgnlAmt>	[0..1]			606
	ActualAmount <ActlAmt>	[0..1]	Amount		606
	MinimumAmount <MinAmt>	[0..1]	Amount		606
	MaximumAmount <MaxAmt>	[0..1]	Amount		606
	CommissionDetails <ComssnDtls>	[0..*]			607
	Amount <Amt>	[1..1]	Amount		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	MarkUpDetails <MrkUpDtls>	[0..*]			607
	Rate <Rate>	[1..1]	Rate		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	DeclarationDetails <Dclrtndtls>	[0..*]	±		607
	Instalment <Instlmt>	[0..*]	±		608
	Recurring <Rcrng>	[0..1]	±		609
	AggregationTransaction <AggtnTx>	[0..1]	±		610
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		610
	SaleItem <Saleitm>	[0..*]	±		610
	DeliveryLocation <DlvryLctn>	[0..1]	Text		611

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		611
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		611
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		611
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..*]			612
	Identification <Id>	[1..1]	Text		612
	Value <Val>	[0..1]	Binary		612
	ProtectedValue <PrctcdVal>	[0..1]	±		612
	Type <Tp>	[0..1]	Text		613
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		613
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		613
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			613
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		615
	Conversion <Convs>	[0..1]			615
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		617
	TargetCurrency <TrgtCcy>	[1..1]			617
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	617
	NumericCode <NmrcCd>	[1..1]	Text		617
	Decimal <Dcml>	[1..1]	Quantity		617
	Name <Nm>	[0..1]	Text		617
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		618
	ExchangeRate <XchgRate>	[1..1]	Rate		618
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		618
	QuotationDate <QtnDt>	[0..1]	DateTime		618
	ValidFrom <VldFr>	[0..1]	DateTime		618
	ValidUntil <VldUntil>	[0..1]	DateTime		618
	SourceCurrency <SrcCcy>	[1..1]			618
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	619
	NumericCode <NmrcCd>	[0..1]	Text		619
	Decimal <Dcml>	[0..1]	Quantity		619
	Name <Nm>	[0..1]	Text		619

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			619
	LowerBin <LwrBin>	[1..1]	Text		620
	HigherBin <HghrBin>	[1..1]	Text		620
	OriginalAmount <OrgnlAmt>	[0..1]			620
	ActualAmount <ActlAmt>	[0..1]	Amount		620
	MinimumAmount <MinAmt>	[0..1]	Amount		620
	MaximumAmount <MaxAmt>	[0..1]	Amount		620
	CommissionDetails <ComssnDtls>	[0..*]			621
	Amount <Amt>	[1..1]	Amount		621
	AdditionalInformation <AddtlInf>	[0..1]	Text		621
	MarkUpDetails <MrkUpDtls>	[0..*]			621
	Rate <Rate>	[1..1]	Rate		621
	AdditionalInformation <AddtlInf>	[0..1]	Text		621
	DeclarationDetails <DclrtnDtls>	[0..*]	±		621

19.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdlrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <CrdhldrId>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <DrvrId>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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 CardPaymentTransaction137 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		592
	TransactionIdentification <TxId>	[1..1]	±		592
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		592
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		592
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		592
	InterchangeData <IntrchgData>	[0..1]	Text		593
	TransactionDetails <TxDtls>	[1..1]			593
	Currency <Ccy>	[0..1]	CodeSet	C1	596
	TotalAmount <TtlAmt>	[1..1]	Amount		596
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		596
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		596
	DetailedAmount <DtlAmt>	[0..1]	±		596
	RequestedAmount <ReqdAmt>	[0..1]	Amount		597
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		597
	InvoiceAmount <InvcAmt>	[0..1]	Amount		597
	ValidityDate <VldtyDt>	[0..1]	Date		597
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		597
	UnattendedLevelCategory <UatnndLvlCtgy>	[0..1]	Text		598
	AccountType <AcctTp>	[0..1]	CodeSet		598
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			599
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		601
	Conversion <Convs>	[0..1]			601
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		603
	TargetCurrency <TrgtCcy>	[1..1]			603
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	603
	NumericCode <NmrcCd>	[1..1]	Text		603
	Decimal <Dcml>	[1..1]	Quantity		603
	Name <Nm>	[0..1]	Text		603
	ResultingAmount <RsltgAmt>	[0..1]	Amount		604
	ExchangeRate <XchgRate>	[1..1]	Rate		604
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		604

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		604
	ValidFrom <VldFr>	[0..1]	DateTime		604
	ValidUntil <VldUntil>	[0..1]	DateTime		604
	SourceCurrency <SrcCcy>	[1..1]			604
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	605
	NumericCode <NmrcCd>	[0..1]	Text		605
	Decimal <Dcml>	[0..1]	Quantity		605
	Name <Nm>	[0..1]	Text		605
	ApplicableBinRange <AplblBinRg>	[0..*]			605
	LowerBin <LwrBin>	[1..1]	Text		606
	HigherBin <HghrBin>	[1..1]	Text		606
	OriginalAmount <OrgnlAmt>	[0..1]			606
	ActualAmount <ActlAmt>	[0..1]	Amount		606
	MinimumAmount <MinAmt>	[0..1]	Amount		606
	MaximumAmount <MaxAmt>	[0..1]	Amount		606
	CommissionDetails <ComssnDtls>	[0..*]			607
	Amount <Amt>	[1..1]	Amount		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	MarkUpDetails <MrkUpDtls>	[0..*]			607
	Rate <Rate>	[1..1]	Rate		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	DeclarationDetails <Dclrtndtls>	[0..*]	±		607
	Instalment <Instlmt>	[0..*]	±		608
	Recurring <Rcrng>	[0..1]	±		609
	AggregationTransaction <AggtnTx>	[0..1]	±		610
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		610
	SaleItem <Saleitm>	[0..*]	±		610
	DeliveryLocation <DlvryLctn>	[0..1]	Text		611
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		611
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		611
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		611

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..*]			612
	Identification <Id>	[1..1]	Text		612
	Value <Val>	[0..1]	Binary		612
	ProtectedValue <PrctcdVal>	[0..1]	±		612
	Type <Tp>	[0..1]	Text		613
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		613
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		613

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 1766

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

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 1766

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 1764

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 1766

19.4.2.2.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1764

19.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following CardPaymentTransactionDetails53 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	596
	TotalAmount <TtlAmt>	[1..1]	Amount		596
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		596
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		596
	DetailedAmount <DtldAmt>	[0..1]	±		596
	RequestedAmount <ReqdAmt>	[0..1]	Amount		597
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		597
	InvoiceAmount <InvcAmt>	[0..1]	Amount		597
	ValidityDate <VldtyDt>	[0..1]	Date		597
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		597
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		598
	AccountType <AcctTp>	[0..1]	CodeSet		598
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			599
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		601
	Conversion <Convs>	[0..1]			601
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		603
	TargetCurrency <TrgtCcy>	[1..1]			603
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	603
	NumericCode <NmrcCd>	[1..1]	Text		603
	Decimal <Dcml>	[1..1]	Quantity		603
	Name <Nm>	[0..1]	Text		603
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		604
	ExchangeRate <XchgRate>	[1..1]	Rate		604
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		604
	QuotationDate <QtnDt>	[0..1]	DateTime		604
	ValidFrom <VldFr>	[0..1]	DateTime		604
	ValidUntil <VldUntil>	[0..1]	DateTime		604
	SourceCurrency <SrcCcy>	[1..1]			604
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	605
	NumericCode <NmrcCd>	[0..1]	Text		605
	Decimal <Dcml>	[0..1]	Quantity		605

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		605
	ApplicableBinRange <ApblBinRg>	[0..*]			605
	LowerBin <LwrBin>	[1..1]	Text		606
	HigherBin <HghrBin>	[1..1]	Text		606
	OriginalAmount <OrgnlAmt>	[0..1]			606
	ActualAmount <ActlAmt>	[0..1]	Amount		606
	MinimumAmount <MinAmt>	[0..1]	Amount		606
	MaximumAmount <MaxAmt>	[0..1]	Amount		606
	CommissionDetails <ComssnDtls>	[0..*]			607
	Amount <Amt>	[1..1]	Amount		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	MarkUpDetails <MrkUpDtls>	[0..*]			607
	Rate <Rate>	[1..1]	Rate		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	DeclarationDetails <DclrtDtls>	[0..*]	±		607
	Instalment <Instlmt>	[0..*]	±		608
	Recurring <Rcrng>	[0..1]	±		609
	AggregationTransaction <AggtTx>	[0..1]	±		610
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		610
	SaleItem <Saleitm>	[0..*]	±		610
	DeliveryLocation <DivryLctn>	[0..1]	Text		611
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		611
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		611
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		611
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..*]			612
	Identification <Id>	[1..1]	Text		612
	Value <Val>	[0..1]	Binary		612
	ProtectedValue <PrctcdVal>	[0..1]	±		612
	Type <Tp>	[0..1]	Text		613
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		613

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 1705**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 1701**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 1701**19.4.2.2.7.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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 <DtIdAmt> contains the following elements (see "DetailedAmount15" on page 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

19.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

19.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

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 1701

19.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

19.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

19.4.2.2.7.11 UnattendedLevelCategory <UattnddLvICtgy>*Presence:* [0..1]*Definition:* Transaction category level on an unattended POI (Point Of Interaction).*Datatype:* "Max35NumericText" on page 1766**19.4.2.2.7.12 AccountType <AcctTp>***Presence:* [0..1]*Definition:* Type of cardholder account used for the transaction.*Datatype:* "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.
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 **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		601
	Conversion <Convs>	[0..1]			601
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		603
	TargetCurrency <TrgtCcy>	[1..1]			603
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	603
	NumericCode <NmrcCd>	[1..1]	Text		603
	Decimal <Dcml>	[1..1]	Quantity		603
	Name <Nm>	[0..1]	Text		603
	ResultingAmount <RsltgAmt>	[0..1]	Amount		604
	ExchangeRate <XchgRate>	[1..1]	Rate		604
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		604
	QuotationDate <QtnDt>	[0..1]	DateTime		604
	ValidFrom <VldFr>	[0..1]	DateTime		604
	ValidUntil <VldUntil>	[0..1]	DateTime		604
	SourceCurrency <SrcCcy>	[1..1]			604
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	605
	NumericCode <NmrcCd>	[0..1]	Text		605
	Decimal <Dcml>	[0..1]	Quantity		605
	Name <Nm>	[0..1]	Text		605
	ApplicableBinRange <AplblBinRg>	[0..*]			605
	LowerBin <LwrBin>	[1..1]	Text		606
	HigherBin <HghrBin>	[1..1]	Text		606
	OriginalAmount <OrgnlAmt>	[0..1]			606
	ActualAmount <ActlAmt>	[0..1]	Amount		606
	MinimumAmount <MinAmt>	[0..1]	Amount		606
	MaximumAmount <MaxAmt>	[0..1]	Amount		606
	CommissionDetails <ComssnDtls>	[0..*]			607
	Amount <Amt>	[1..1]	Amount		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	MarkUpDetails <MrkUpDtls>	[0..*]			607

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	DeclarationDetails <DclrtnDtls>	[0..*]	±		607

19.4.2.2.7.13.1 AcceptedByCardholder <AcptdByCrdhdr>*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 1761):

- *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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		603
	TargetCurrency <TrgtCcy>	[1..1]			603
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	603
	NumericCode <NmrcCd>	[1..1]	Text		603
	Decimal <Dcml>	[1..1]	Quantity		603
	Name <Nm>	[0..1]	Text		603
	ResultingAmount <RsltAmt>	[0..1]	Amount		604
	ExchangeRate <XchgRate>	[1..1]	Rate		604
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		604
	QuotationDate <QtnDt>	[0..1]	DateTime		604
	ValidFrom <VldFr>	[0..1]	DateTime		604
	ValidUntil <VldUntil>	[0..1]	DateTime		604
	SourceCurrency <SrcCcy>	[1..1]			604
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	605
	NumericCode <NmrcCd>	[0..1]	Text		605
	Decimal <Dcml>	[0..1]	Quantity		605
	Name <Nm>	[0..1]	Text		605
	ApplicableBinRange <AplblBinRg>	[0..*]			605
	LowerBin <LwrBin>	[1..1]	Text		606
	HigherBin <HghrBin>	[1..1]	Text		606
	OriginalAmount <OrgnlAmt>	[0..1]			606
	ActualAmount <ActlAmt>	[0..1]	Amount		606
	MinimumAmount <MinAmt>	[0..1]	Amount		606
	MaximumAmount <MaxAmt>	[0..1]	Amount		606
	CommissionDetails <ComssnDtls>	[0..*]			607
	Amount <Amt>	[1..1]	Amount		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	MarkUpDetails <MrkUpDtls>	[0..*]			607
	Rate <Rate>	[1..1]	Rate		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607
	DeclarationDetails <DclrtDtls>	[0..*]	±		607

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 1766**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
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	603
	NumericCode <NmrcCd>	[1..1]	Text		603
	Decimal <Dcml>	[1..1]	Quantity		603
	Name <Nm>	[0..1]	Text		603

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 1705**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 1763**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 1762**19.4.2.2.7.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

19.4.2.2.7.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

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 1762

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 1762

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 1759

19.4.2.2.7.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

19.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

19.4.2.2.7.13.2.9 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	605
	NumericCode <NmrcCd>	[0..1]	Text		605
	Decimal <Dcml>	[0..1]	Quantity		605
	Name <Nm>	[0..1]	Text		605

19.4.2.2.7.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

19.4.2.2.7.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

19.4.2.2.7.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

19.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

19.4.2.2.7.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		606
	HigherBin <HghrBin>	[1..1]	Text		606

19.4.2.2.7.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

19.4.2.2.7.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

19.4.2.2.7.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		606
	MinimumAmount <MinAmt>	[0..1]	Amount		606
	MaximumAmount <MaxAmt>	[0..1]	Amount		606

19.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

19.4.2.2.7.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

19.4.2.2.7.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

19.4.2.2.7.13.2.12 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		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607

19.4.2.2.7.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**19.4.2.2.7.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**19.4.2.2.7.13.2.13 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		607
	AdditionalInformation <AddtlInf>	[0..1]	Text		607

19.4.2.2.7.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**19.4.2.2.7.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**19.4.2.2.7.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

19.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

19.4.2.2.7.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

19.4.2.2.7.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Labl>	[0..1]	Text		1609

19.4.2.2.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1763

19.4.2.2.7.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

19.4.2.2.7.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

19.4.2.2.7.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

19.4.2.2.7.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

19.4.2.2.7.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

19.4.2.2.7.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

19.4.2.2.7.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		612
	Value <Val>	[0..1]	Binary		612
	ProtectedValue <PrtctdVal>	[0..1]	±		612
	Type <Tp>	[0..1]	Text		613

19.4.2.2.7.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

19.4.2.2.7.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

19.4.2.2.7.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

19.4.2.2.7.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1763

19.4.2.2.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 1702

19.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "[Max70Text](#)" on page 1767

19.4.2.3 CurrencyConversionResult <CcyConvRsIt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder and its result.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		615
	Conversion <Convs>	[0..1]			615
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		617
	TargetCurrency <TrgtCcy>	[1..1]			617
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	617
	NumericCode <NmrcCd>	[1..1]	Text		617
	Decimal <Dcml>	[1..1]	Quantity		617
	Name <Nm>	[0..1]	Text		617
	ResultingAmount <RsltgAmt>	[0..1]	Amount		618
	ExchangeRate <XchgRate>	[1..1]	Rate		618
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		618
	QuotationDate <QtnDt>	[0..1]	DateTime		618
	ValidFrom <VldFr>	[0..1]	DateTime		618
	ValidUntil <VldUntil>	[0..1]	DateTime		618
	SourceCurrency <SrcCcy>	[1..1]			618
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	619
	NumericCode <NmrcCd>	[0..1]	Text		619
	Decimal <Dcml>	[0..1]	Quantity		619
	Name <Nm>	[0..1]	Text		619
	ApplicableBinRange <AplblBinRg>	[0..*]			619
	LowerBin <LwrBin>	[1..1]	Text		620
	HigherBin <HghrBin>	[1..1]	Text		620
	OriginalAmount <OrgnlAmt>	[0..1]			620
	ActualAmount <ActlAmt>	[0..1]	Amount		620
	MinimumAmount <MinAmt>	[0..1]	Amount		620
	MaximumAmount <MaxAmt>	[0..1]	Amount		620
	CommissionDetails <ComssnDtls>	[0..*]			621
	Amount <Amt>	[1..1]	Amount		621
	AdditionalInformation <AddtlInf>	[0..1]	Text		621
	MarkUpDetails <MrkUpDtls>	[0..*]			621

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		621
	AdditionalInformation <AddtlInf>	[0..1]	Text		621
	DeclarationDetails <DclrtnDtls>	[0..*]	±		621

19.4.2.3.1 AcceptedByCardholder <AcceptdByCrdhldr>

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 1761):

- *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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		617
	TargetCurrency <TrgtCcy>	[1..1]			617
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	617
	NumericCode <NmrcCd>	[1..1]	Text		617
	Decimal <Dcml>	[1..1]	Quantity		617
	Name <Nm>	[0..1]	Text		617
	ResultingAmount <RsltAmt>	[0..1]	Amount		618
	ExchangeRate <XchgRate>	[1..1]	Rate		618
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		618
	QuotationDate <QtnDt>	[0..1]	DateTime		618
	ValidFrom <VldFr>	[0..1]	DateTime		618
	ValidUntil <VldUntil>	[0..1]	DateTime		618
	SourceCurrency <SrcCcy>	[1..1]			618
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	619
	NumericCode <NmrcCd>	[0..1]	Text		619
	Decimal <Dcml>	[0..1]	Quantity		619
	Name <Nm>	[0..1]	Text		619
	ApplicableBinRange <AplblBinRg>	[0..*]			619
	LowerBin <LwrBin>	[1..1]	Text		620
	HigherBin <HghrBin>	[1..1]	Text		620
	OriginalAmount <OrgnlAmt>	[0..1]			620
	ActualAmount <ActlAmt>	[0..1]	Amount		620
	MinimumAmount <MinAmt>	[0..1]	Amount		620
	MaximumAmount <MaxAmt>	[0..1]	Amount		620
	CommissionDetails <ComssnDtls>	[0..*]			621
	Amount <Amt>	[1..1]	Amount		621
	AdditionalInformation <AddtlInf>	[0..1]	Text		621
	MarkUpDetails <MrkUpDtls>	[0..*]			621
	Rate <Rate>	[1..1]	Rate		621
	AdditionalInformation <AddtlInf>	[0..1]	Text		621
	DeclarationDetails <DclrtDtls>	[0..*]	±		621

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 1766**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
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	617
	NumericCode <NmrcCd>	[1..1]	Text		617
	Decimal <Dcml>	[1..1]	Quantity		617
	Name <Nm>	[0..1]	Text		617

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 1705**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 1763**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 1762**19.4.2.3.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

19.4.2.3.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

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 1762

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 1762

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 1759

19.4.2.3.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

19.4.2.3.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

19.4.2.3.2.9 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	619
	NumericCode <NmrcCd>	[0..1]	Text		619
	Decimal <Dcml>	[0..1]	Quantity		619
	Name <Nm>	[0..1]	Text		619

19.4.2.3.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

19.4.2.3.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

19.4.2.3.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

19.4.2.3.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

19.4.2.3.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		620
	HigherBin <HghrBin>	[1..1]	Text		620

19.4.2.3.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

19.4.2.3.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

19.4.2.3.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		620
	MinimumAmount <MinAmt>	[0..1]	Amount		620
	MaximumAmount <MaxAmt>	[0..1]	Amount		620

19.4.2.3.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

19.4.2.3.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

19.4.2.3.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

19.4.2.3.2.12 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		621
	AdditionalInformation <AddtlInf>	[0..1]	Text		621

19.4.2.3.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**19.4.2.3.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**19.4.2.3.2.13 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		621
	AdditionalInformation <AddtlInf>	[0..1]	Text		621

19.4.2.3.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**19.4.2.3.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**19.4.2.3.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrCdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

19.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

20 **caaa.019.001.07**

AcceptorCurrencyConversionAdviceResponseV07

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 AcceptorCurrencyConversionAdviceResponseV07 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
	<i>Message root <Document> <AccptrCcyConvsAdvRspn></i>	[1..1]			
	Header <Hdr>	[1..1]			625
	MessageFunction <MsgFctn>	[1..1]	CodeSet		625
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		627
	ExchangeIdentification <XchgId>	[1..1]	Quantity		627
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		627
	CreationDateTime <CreDtTm>	[1..1]	DateTime		627
	InitiatingParty <InitgPty>	[1..1]	±		627
	RecipientParty <RcptPty>	[0..1]	±		628
	Traceability <Tracblt>	[0..*]	±		628
	CurrencyConversionAdviceResponse <CcyConvsAdvRspn>	[1..1]			629
	Environment <Envt>	[1..1]	±		629
	Transaction <Tx>	[1..1]			635
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		636
	TransactionIdentification <TxId>	[1..1]	±		636
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		636
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		636
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		636
	Response <Rspn>	[1..1]	CodeSet		636
	TMSTrigger <TMSTrggr>	[0..1]			637
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		637
	TMSIdentification <TMSId>	[0..1]	Text		637
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		637
	SecurityTrailer <SctyTrlr>	[0..1]	±		637

20.3 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.

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 Header70 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		625
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		627
	ExchangeIdentification <XchgId>	[1..1]	Quantity		627
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		627
	CreationDateTime <CreDtTm>	[1..1]	DateTime		627
	InitiatingParty <InitgPty>	[1..1]	±		627
	RecipientParty <RcptPty>	[0..1]	±		628
	Traceability <Tracblt>	[0..*]	±		628

20.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.

CodeName	Name	Definition
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

20.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

20.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

20.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

20.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

20.4.2 CurrencyConversionAdviceResponse <CcyConvsAdvcRspn>

Presence: [1..1]

Definition: Information related to the currency conversion advice response.

CurrencyConversionAdviceResponse <CcyConvsAdvcRspn> contains the following **AcceptorCancellationAdviceResponse12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		629
	Transaction <Tx>	[1..1]			635
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		636
	TransactionIdentification <TxId>	[1..1]	±		636
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		636
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		636
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		636
	Response <Rspn>	[1..1]	CodeSet		636
	TMSTrigger <TMSTrggr>	[0..1]			637
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		637
	TMSIdentification <TMSId>	[0..1]	Text		637
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		637

20.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

20.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction from an acceptor to the acquirer.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		636
	TransactionIdentification <TxId>	[1..1]	±		636
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		636
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		636
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		636
	Response <Rspn>	[1..1]	CodeSet		636

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 1766**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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

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 1766**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 1764**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 1766**20.4.2.2.6 Response <Rspn>***Presence:* [1..1]*Definition:* Result of a requested service.*Datatype:* "Response9Code" on page 1748

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

CodeName	Name	Definition
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).

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
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		637
	TMSIdentification <TMSId>	[0..1]	Text		637
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		637

20.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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.

20.4.2.3.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 1766

20.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1759

20.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

21 caaa.020.001.05 TransactionAdviceV05

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 TransactionAdviceV05 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]			645
	MessageFunction <MsgFctn>	[1..1]	CodeSet		646
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		647
	ExchangeIdentification <XchgId>	[1..1]	Quantity		648
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		648
	CreationDateTime <CreDtTm>	[1..1]	DateTime		648
	InitiatingParty <InitgPty>	[1..1]	±		648
	RecipientParty <RcptPty>	[0..1]	±		648
	Traceability <Tracblt>	[0..*]	±		649
	TransactionAdvice <TxAdv>	[1..1]			649
	Environment <Envt>	[1..1]	±		654
	Context <Cntxt>	[0..1]	±		660
	Transaction <Tx>	[1..1]			663
	TransactionCapture <TxCaptr>	[0..1]	Indicator		668
	TransactionType <TxTp>	[0..1]	CodeSet		668
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		669
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		670
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		670
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		670
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		670
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		670
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		671
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		671
	TransactionIdentification <TxId>	[1..1]	±		671
	OriginalTransaction <OrgnlTx>	[0..1]	±		671
	TransactionSuccess <TxSucss>	[1..1]	Indicator		672
	Reversal <Rvsl>	[0..1]	Indicator		672
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		673
	FailureReason <FailrRsn>	[0..*]	CodeSet		673

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		673
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		674
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		674
	InterchangeData <IntrchgData>	[0..1]	Text		674
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		674
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		674
	TransactionDetails <TxDtls>	[1..1]			674
	Currency <Ccy>	[0..1]	CodeSet	C1	677
	TotalAmount <TtlAmt>	[1..1]	Amount		677
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		677
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		677
	DetailedAmount <DtlAmt>	[0..1]	±		677
	RequestedAmount <ReqdAmt>	[0..1]	Amount		678
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		678
	InvoiceAmount <InvcAmt>	[0..1]	Amount		678
	ValidityDate <VldtyDt>	[0..1]	Date		678
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		678
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		679
	AccountType <AcctTp>	[0..1]	CodeSet		679
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			680
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		682
	Conversion <Convs>	[0..1]			682
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		684
	TargetCurrency <TrgtCcy>	[1..1]			684
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	684
	NumericCode <NmrcCd>	[1..1]	Text		684
	Decimal <Dcml>	[1..1]	Quantity		684
	Name <Nm>	[0..1]	Text		684
	ResultingAmount <RsltgAmt>	[0..1]	Amount		685
	ExchangeRate <XchgRate>	[1..1]	Rate		685
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		685

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		685
	ValidFrom <VldFr>	[0..1]	DateTime		685
	ValidUntil <VldUntil>	[0..1]	DateTime		685
	SourceCurrency <SrcCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	686
	NumericCode <NmrcCd>	[0..1]	Text		686
	Decimal <Dcml>	[0..1]	Quantity		686
	Name <Nm>	[0..1]	Text		686
	ApplicableBinRange <AplblBinRg>	[0..*]			686
	LowerBin <LwrBin>	[1..1]	Text		687
	HigherBin <HghrBin>	[1..1]	Text		687
	OriginalAmount <OrgnlAmt>	[0..1]			687
	ActualAmount <ActlAmt>	[0..1]	Amount		687
	MinimumAmount <MinAmt>	[0..1]	Amount		687
	MaximumAmount <MaxAmt>	[0..1]	Amount		687
	CommissionDetails <ComssnDtls>	[0..*]			688
	Amount <Amt>	[1..1]	Amount		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	MarkUpDetails <MrkUpDtls>	[0..*]			688
	Rate <Rate>	[1..1]	Rate		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	DeclarationDetails <DclrtnDtls>	[0..*]	±		688
	Instalment <Instlmt>	[0..*]	±		689
	Recurring <Rcrng>	[0..1]	±		690
	AggregationTransaction <AggtnTx>	[0..1]	±		691
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		691
	SaleItem <SaleItm>	[0..*]	±		691
	DeliveryLocation <DlvryLctn>	[0..1]	Text		692
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		692
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		692
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		692

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		693
	AdditionalInformation <AddtlInf>	[0..*]			693
	Identification <Id>	[1..1]	Text		693
	Value <Val>	[0..1]	Binary		693
	ProtectedValue <PrctcdVal>	[0..1]	±		693
	Type <Tp>	[0..1]	Text		694
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		694
	AuthorisationResult <AuthstnRslt>	[0..1]			694
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		694
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			695
	Response <Rspn>	[1..1]	CodeSet		695
	ResponseReason <RspnRsn>	[0..1]	Text		695
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		696
	AuthorisationCode <AuthstnCd>	[0..1]	Text		696
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		696
	AccountFrom <AcctFr>	[0..1]			696
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		697
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		698
	AccountName <AcctNm>	[0..1]	Text		698
	AccountOwner <AcctOwnr>	[0..1]			699
	Name <Nm>	[1..1]	Text		699
	Address <Adr>	[1..1]	±		699
	Currency <Ccy>	[0..1]	CodeSet	C1	699
	AccountIdentifier <Acctldr>	[0..1]			700
{Or	Card <Card>	[1..1]	Text		700
Or	MSISDN <MSISDN>	[1..1]	Text		700
Or	EMail <EMail>	[1..1]	Text		700
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	700
Or	BBAN <BBAN>	[1..1]	IdentifierSet		701
Or	UPIC <UPIC>	[1..1]	IdentifierSet		701
Or	Domestic <Dmst>	[1..1]	Text		701

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	Other <Othr>	[1..1]	Text		701
	Servicer <Svcr>	[0..1]			701
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	702
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		702
	AccountTo <AcctTo>	[0..1]			702
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		703
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		704
	AccountName <AcctNm>	[0..1]	Text		704
	AccountOwner <AcctOwnr>	[0..1]			705
	Name <Nm>	[1..1]	Text		705
	Address <Adr>	[1..1]	±		705
	Currency <Ccy>	[0..1]	CodeSet	C1	705
	AccountIdentifier <AcctIdr>	[0..1]			706
{Or	Card <Card>	[1..1]	Text		706
Or	MSISDN <MSISDN>	[1..1]	Text		706
Or	EMail <EMail>	[1..1]	Text		706
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	706
Or	BBAN <BBAN>	[1..1]	IdentifierSet		707
Or	UPIC <UPIC>	[1..1]	IdentifierSet		707
Or	Domestic <Dmst>	[1..1]	Text		707
Or}	Other <Othr>	[1..1]	Text		707
	Servicer <Svcr>	[0..1]			707
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	708
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		708
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		708
	SupplementaryData <SplmtryData>	[0..*]	±	C6	708
	SecurityTrailer <SctyTrlr>	[0..1]	±		709

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 CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

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.

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		646
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		647
	ExchangeIdentification <XchgId>	[1..1]	Quantity		648
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		648
	CreationDateTime <CreDtTm>	[1..1]	DateTime		648
	InitiatingParty <InitgPty>	[1..1]	±		648
	RecipientParty <RcptPty>	[0..1]	±		648
	Traceability <Tracblt>	[0..*]	±		649

21.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

21.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

21.4.1.3 ExchangeIdentification <XchgId>*Presence:* [1..1]*Definition:* Unique identification of an exchange occurrence.*Datatype:* "Number" on page 1762**21.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>***Presence:* [0..1]*Definition:* Number of retransmissions of the message.*Datatype:* "Max3NumericText" on page 1766**21.4.1.5 CreationDateTime <CreDtTm>***Presence:* [1..1]*Definition:* Date and time at which the message was created.*Datatype:* "ISODateTime" on page 1759**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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

21.4.2 TransactionAdvice <TxAdv>

Presence: [1..1]

Definition: Information related to the outcome of the transaction.

TransactionAdvice <TxAdvc> contains the following **AcceptorCompletionAdvice13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		654
	Context <Cntxt>	[0..1]	±		660
	Transaction <Tx>	[1..1]			663
	TransactionCapture <TxCaptr>	[0..1]	Indicator		668
	TransactionType <TxTp>	[0..1]	CodeSet		668
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		669
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		670
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		670
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		670
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		670
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		670
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		671
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		671
	TransactionIdentification <TxId>	[1..1]	±		671
	OriginalTransaction <OrgnlTx>	[0..1]	±		671
	TransactionSuccess <TxSucss>	[1..1]	Indicator		672
	Reversal <Rvsl>	[0..1]	Indicator		672
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		673
	FailureReason <FailrRsn>	[0..*]	CodeSet		673
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		673
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		674
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		674
	InterchangeData <IntrchnngData>	[0..1]	Text		674
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		674
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		674
	TransactionDetails <TxDtls>	[1..1]			674
	Currency <Ccy>	[0..1]	CodeSet	C1	677
	TotalAmount <TtlAmt>	[1..1]	Amount		677
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		677
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		677
	DetailedAmount <DtldAmt>	[0..1]	±		677

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		678
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		678
	InvoiceAmount <InvcAmt>	[0..1]	Amount		678
	ValidityDate <VldtyDt>	[0..1]	Date		678
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		678
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		679
	AccountType <AcctTp>	[0..1]	CodeSet		679
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			680
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		682
	Conversion <Convs>	[0..1]			682
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		684
	TargetCurrency <TrgtCcy>	[1..1]			684
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	684
	NumericCode <NmrcCd>	[1..1]	Text		684
	Decimal <Dcml>	[1..1]	Quantity		684
	Name <Nm>	[0..1]	Text		684
	ResultingAmount <RsltgAmt>	[0..1]	Amount		685
	ExchangeRate <XchgRate>	[1..1]	Rate		685
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		685
	QuotationDate <QtnDt>	[0..1]	DateTime		685
	ValidFrom <VldFr>	[0..1]	DateTime		685
	ValidUntil <VldUntil>	[0..1]	DateTime		685
	SourceCurrency <SrcCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	686
	NumericCode <NmrcCd>	[0..1]	Text		686
	Decimal <Dcml>	[0..1]	Quantity		686
	Name <Nm>	[0..1]	Text		686
	ApplicableBinRange <AplblBinRg>	[0..*]			686
	LowerBin <LwrBin>	[1..1]	Text		687
	HigherBin <HghrBin>	[1..1]	Text		687
	OriginalAmount <OrgnlAmt>	[0..1]			687

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		687
	MinimumAmount <MinAmt>	[0..1]	Amount		687
	MaximumAmount <MaxAmt>	[0..1]	Amount		687
	CommissionDetails <ComssnDtls>	[0..*]			688
	Amount <Amt>	[1..1]	Amount		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	MarkUpDetails <MrkUpDtls>	[0..*]			688
	Rate <Rate>	[1..1]	Rate		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	DeclarationDetails <DclrtnDtls>	[0..*]	±		688
	Instalment <Instlmt>	[0..*]	±		689
	Recurring <Rcrng>	[0..1]	±		690
	AggregationTransaction <AggtnTx>	[0..1]	±		691
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		691
	SaleItem <Saleitm>	[0..*]	±		691
	DeliveryLocation <DlvryLctn>	[0..1]	Text		692
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		692
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		692
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		692
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		693
	AdditionalInformation <AddtlInf>	[0..*]			693
	Identification <Id>	[1..1]	Text		693
	Value <Val>	[0..1]	Binary		693
	ProtectedValue <PrctcdVal>	[0..1]	±		693
	Type <Tp>	[0..1]	Text		694
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		694
	AuthorisationResult <AuthstnRslt>	[0..1]			694
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		694
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			695
	Response <Rspn>	[1..1]	CodeSet		695
	ResponseReason <RspnRsn>	[0..1]	Text		695

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		696
	AuthorisationCode <AuthstnCd>	[0..1]	Text		696
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		696
	AccountFrom <AcctFr>	[0..1]			696
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		697
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		698
	AccountName <AcctNm>	[0..1]	Text		698
	AccountOwner <AcctOwnr>	[0..1]			699
	Name <Nm>	[1..1]	Text		699
	Address <Adr>	[1..1]	±		699
	Currency <Ccy>	[0..1]	CodeSet	C1	699
	AccountIdentifier <Acctldr>	[0..1]			700
{Or	Card <Card>	[1..1]	Text		700
Or	MSISDN <MSISDN>	[1..1]	Text		700
Or	EMail <EMail>	[1..1]	Text		700
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	700
Or	BBAN <BBAN>	[1..1]	IdentifierSet		701
Or	UPIC <UPIC>	[1..1]	IdentifierSet		701
Or	Domestic <Dmst>	[1..1]	Text		701
Or}	Other <Othr>	[1..1]	Text		701
	Servicer <Svcr>	[0..1]			701
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	702
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		702
	AccountTo <AcctTo>	[0..1]			702
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		703
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		704
	AccountName <AcctNm>	[0..1]	Text		704
	AccountOwner <AcctOwnr>	[0..1]			705
	Name <Nm>	[1..1]	Text		705
	Address <Adr>	[1..1]	±		705
	Currency <Ccy>	[0..1]	CodeSet	C1	705

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountIdentifier <AcctIdr>	[0..1]			706
{Or	Card <Card>	[1..1]	Text		706
Or	MSISDN <MSISDN>	[1..1]	Text		706
Or	EMail <EMail>	[1..1]	Text		706
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	706
Or	BBAN <BBAN>	[1..1]	IdentifierSet		707
Or	UPIC <UPIC>	[1..1]	IdentifierSet		707
Or	Domestic <Dmst>	[1..1]	Text		707
Or}	Other <Othr>	[1..1]	Text		707
	Servicer <Svcr>	[0..1]			707
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	708
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		708
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		708
	SupplementaryData <SplmtryData>	[0..*]	±	C6	708

21.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BillgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <CrdhldrId>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <DrvrId>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

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 "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

21.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction135** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		668
	TransactionType <TxTp>	[0..1]	CodeSet		668
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		669
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		670
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		670
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		670
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		670
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		670
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		671
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		671
	TransactionIdentification <TxId>	[1..1]	±		671
	OriginalTransaction <OrgnlTx>	[0..1]	±		671
	TransactionSuccess <TxSucss>	[1..1]	Indicator		672
	Reversal <Rvs/ >	[0..1]	Indicator		672
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		673
	FailureReason <FailRsn>	[0..*]	CodeSet		673
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		673
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		674
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		674
	InterchangeData <IntrchnngData>	[0..1]	Text		674
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		674
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		674
	TransactionDetails <TxDtls>	[1..1]			674
	Currency <Ccy>	[0..1]	CodeSet	C1	677
	TotalAmount <TtlAmt>	[1..1]	Amount		677
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		677
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		677
	DetailedAmount <DtlAmt>	[0..1]	±		677
	RequestedAmount <ReqdAmt>	[0..1]	Amount		678
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		678
	InvoiceAmount <InvAmt>	[0..1]	Amount		678

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		678
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		678
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		679
	AccountType <AcctTp>	[0..1]	CodeSet		679
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			680
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		682
	Conversion <Convs>	[0..1]			682
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		684
	TargetCurrency <TrgtCcy>	[1..1]			684
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	684
	NumericCode <NmrcCd>	[1..1]	Text		684
	Decimal <Dcml>	[1..1]	Quantity		684
	Name <Nm>	[0..1]	Text		684
	ResultingAmount <RsltAmt>	[0..1]	Amount		685
	ExchangeRate <XchgRate>	[1..1]	Rate		685
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		685
	QuotationDate <QtnDt>	[0..1]	DateTime		685
	ValidFrom <VldFr>	[0..1]	DateTime		685
	ValidUntil <VldUntil>	[0..1]	DateTime		685
	SourceCurrency <SrcCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	686
	NumericCode <NmrcCd>	[0..1]	Text		686
	Decimal <Dcml>	[0..1]	Quantity		686
	Name <Nm>	[0..1]	Text		686
	ApplicableBinRange <AplblBinRg>	[0..*]			686
	LowerBin <LwrBin>	[1..1]	Text		687
	HigherBin <HghrBin>	[1..1]	Text		687
	OriginalAmount <OrgnlAmt>	[0..1]			687
	ActualAmount <ActlAmt>	[0..1]	Amount		687
	MinimumAmount <MinAmt>	[0..1]	Amount		687
	MaximumAmount <MaxAmt>	[0..1]	Amount		687

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			688
	Amount <Amt>	[1..1]	Amount		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	MarkUpDetails <MrkUpDtls>	[0..*]			688
	Rate <Rate>	[1..1]	Rate		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	DeclarationDetails <DclrtnDtls>	[0..*]	±		688
	Instalment <Instlmt>	[0..*]	±		689
	Recurring <Rcrng>	[0..1]	±		690
	AggregationTransaction <AggtnTx>	[0..1]	±		691
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		691
	SaleItem <Saleitm>	[0..*]	±		691
	DeliveryLocation <DlvryLctn>	[0..1]	Text		692
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		692
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		692
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		692
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		693
	AdditionalInformation <AddtlInf>	[0..*]			693
	Identification <Id>	[1..1]	Text		693
	Value <Val>	[0..1]	Binary		693
	ProtectedValue <PrctcdVal>	[0..1]	±		693
	Type <Tp>	[0..1]	Text		694
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		694
	AuthorisationResult <AuthstnRslt>	[0..1]			694
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		694
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			695
	Response <Rspn>	[1..1]	CodeSet		695
	ResponseReason <RspnRsn>	[0..1]	Text		695
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		696
	AuthorisationCode <AuthstnCd>	[0..1]	Text		696
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		696

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			696
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		697
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		698
	AccountName <AcctNm>	[0..1]	Text		698
	AccountOwner <AcctOwnr>	[0..1]			699
	Name <Nm>	[1..1]	Text		699
	Address <Adr>	[1..1]	±		699
	Currency <Ccy>	[0..1]	CodeSet	C1	699
	AccountIdentifier <AcctIdr>	[0..1]			700
{Or	Card <Card>	[1..1]	Text		700
Or	MSISDN <MSISDN>	[1..1]	Text		700
Or	EMail <EMail>	[1..1]	Text		700
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	700
Or	BBAN <BBAN>	[1..1]	IdentifierSet		701
Or	UPIC <UPIC>	[1..1]	IdentifierSet		701
Or	Domestic <Dmst>	[1..1]	Text		701
Or}	Other <Othr>	[1..1]	Text		701
	Servicer <Svcr>	[0..1]			701
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	702
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		702
	AccountTo <AcctTo>	[0..1]			702
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		703
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		704
	AccountName <AcctNm>	[0..1]	Text		704
	AccountOwner <AcctOwnr>	[0..1]			705
	Name <Nm>	[1..1]	Text		705
	Address <Adr>	[1..1]	±		705
	Currency <Ccy>	[0..1]	CodeSet	C1	705
	AccountIdentifier <AcctIdr>	[0..1]			706
{Or	Card <Card>	[1..1]	Text		706
Or	MSISDN <MSISDN>	[1..1]	Text		706

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	E Mail <EMail>	[1..1]	Text		706
Or	I BAN <IBAN>	[1..1]	IdentifierSet	C5	706
Or	B BAN <BBAN>	[1..1]	IdentifierSet		707
Or	U PIC <UPIC>	[1..1]	IdentifierSet		707
Or	D omestic <Dmst>	[1..1]	Text		707
Or}	O ther <Othr>	[1..1]	Text		707
	S ervicer <Svcr>	[0..1]			707
{Or	A nyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	708
Or}	P roprietaryIdentification <PrtryId>	[1..1]	±		708
	A dditionalTransactionData <AddtlTxData>	[0..*]	Text		708

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 1761):

- *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 1723

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.

CodeName	Name	Definition
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.

21.4.2.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1725

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: "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of 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 1761):

- *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 1769

21.4.2.3.7 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 1761):

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

21.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 1766

21.4.2.3.9 CardProgrammeApplied <CardPrgrmmApId>*Presence:* [0..1]*Definition:* Specifies 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 1766**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 1766**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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

21.4.2.3.12 OriginalTransaction <OrgnlTx>*Presence:* [0..1]*Definition:* Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1438 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIID>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

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 1761):

- *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 1761):

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

21.4.2.3.15 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 1761):

- *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 1730

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.

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 1766

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 1764

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 1766

21.4.2.3.20 InterchangeData <IntrchgngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1764

21.4.2.3.21 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

21.4.2.3.22 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

21.4.2.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	677
	TotalAmount <TtlAmt>	[1..1]	Amount		677
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		677
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		677
	DetailedAmount <DtldAmt>	[0..1]	±		677
	RequestedAmount <ReqdAmt>	[0..1]	Amount		678
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		678
	InvoiceAmount <InvcAmt>	[0..1]	Amount		678
	ValidityDate <VldtyDt>	[0..1]	Date		678
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		678
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		679
	AccountType <AcctTp>	[0..1]	CodeSet		679
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			680
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		682
	Conversion <Convs>	[0..1]			682
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		684
	TargetCurrency <TrgtCcy>	[1..1]			684
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	684
	NumericCode <NmrcCd>	[1..1]	Text		684
	Decimal <Dcml>	[1..1]	Quantity		684
	Name <Nm>	[0..1]	Text		684
	ResultingAmount <RsltgAmt>	[0..1]	Amount		685
	ExchangeRate <XchgRate>	[1..1]	Rate		685
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		685
	QuotationDate <QtnDt>	[0..1]	DateTime		685
	ValidFrom <VldFr>	[0..1]	DateTime		685
	ValidUntil <VldUntil>	[0..1]	DateTime		685
	SourceCurrency <SrcCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	686
	NumericCode <NmrcCd>	[0..1]	Text		686
	Decimal <Dcml>	[0..1]	Quantity		686

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		686
	ApplicableBinRange <AplblBinRg>	[0..*]			686
	LowerBin <LwrBin>	[1..1]	Text		687
	HigherBin <HghrBin>	[1..1]	Text		687
	OriginalAmount <OrgnlAmt>	[0..1]			687
	ActualAmount <ActlAmt>	[0..1]	Amount		687
	MinimumAmount <MinAmt>	[0..1]	Amount		687
	MaximumAmount <MaxAmt>	[0..1]	Amount		687
	CommissionDetails <ComssnDtls>	[0..*]			688
	Amount <Amt>	[1..1]	Amount		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	MarkUpDetails <MrkUpDtls>	[0..*]			688
	Rate <Rate>	[1..1]	Rate		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	DeclarationDetails <Dclrtndtls>	[0..*]	±		688
	Instalment <Instlmt>	[0..*]	±		689
	Recurring <Rcrng>	[0..1]	±		690
	AggregationTransaction <AggtTx>	[0..1]	±		691
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		691
	SaleItem <Saleitm>	[0..*]	±		691
	DeliveryLocation <DivryLctn>	[0..1]	Text		692
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		692
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		692
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		692
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		693
	AdditionalInformation <AddtlInf>	[0..*]			693
	Identification <Id>	[1..1]	Text		693
	Value <Val>	[0..1]	Binary		693
	ProtectedValue <PrctcdVal>	[0..1]	±		693
	Type <Tp>	[0..1]	Text		694
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		694

21.4.2.3.23.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

21.4.2.3.23.2 TotalAmount <TtlAmt>*Presence:* [1..1]*Definition:* Total amount of the transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**21.4.2.3.23.3 CumulativeAmount <CmltvAmt>***Presence:* [0..1]*Definition:* Contains the updated amount of all authorisations related to the same business transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**21.4.2.3.23.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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.

21.4.2.3.23.5 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 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

21.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

21.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

21.4.2.3.23.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

21.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

21.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

21.4.2.3.23.11 UnattendedLevelCategory <UatnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1766

21.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.

21.4.2.3.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		682
	Conversion <Convs>	[0..1]			682
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		684
	TargetCurrency <TrgtCcy>	[1..1]			684
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	684
	NumericCode <NmrcCd>	[1..1]	Text		684
	Decimal <Dcml>	[1..1]	Quantity		684
	Name <Nm>	[0..1]	Text		684
	ResultingAmount <RsltgAmt>	[0..1]	Amount		685
	ExchangeRate <XchgRate>	[1..1]	Rate		685
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		685
	QuotationDate <QtnDt>	[0..1]	DateTime		685
	ValidFrom <VldFr>	[0..1]	DateTime		685
	ValidUntil <VldUntil>	[0..1]	DateTime		685
	SourceCurrency <SrcCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	686
	NumericCode <NmrcCd>	[0..1]	Text		686
	Decimal <Dcml>	[0..1]	Quantity		686
	Name <Nm>	[0..1]	Text		686
	ApplicableBinRange <AplblBinRg>	[0..*]			686
	LowerBin <LwrBin>	[1..1]	Text		687
	HigherBin <HghrBin>	[1..1]	Text		687
	OriginalAmount <OrgnlAmt>	[0..1]			687
	ActualAmount <ActlAmt>	[0..1]	Amount		687
	MinimumAmount <MinAmt>	[0..1]	Amount		687
	MaximumAmount <MaxAmt>	[0..1]	Amount		687
	CommissionDetails <ComssnDtls>	[0..*]			688
	Amount <Amt>	[1..1]	Amount		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	MarkUpDetails <MrkUpDtls>	[0..*]			688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	DeclarationDetails <DclrtnDtls>	[0..*]	±		688

21.4.2.3.23.13.1 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 1761):

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

21.4.2.3.23.13.2 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		684
	TargetCurrency <TrgtCcy>	[1..1]			684
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	684
	NumericCode <NmrcCd>	[1..1]	Text		684
	Decimal <Dcml>	[1..1]	Quantity		684
	Name <Nm>	[0..1]	Text		684
	ResultingAmount <RsltAmt>	[0..1]	Amount		685
	ExchangeRate <XchgRate>	[1..1]	Rate		685
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		685
	QuotationDate <QtnDt>	[0..1]	DateTime		685
	ValidFrom <VldFr>	[0..1]	DateTime		685
	ValidUntil <VldUntil>	[0..1]	DateTime		685
	SourceCurrency <SrcCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	686
	NumericCode <NmrcCd>	[0..1]	Text		686
	Decimal <Dcml>	[0..1]	Quantity		686
	Name <Nm>	[0..1]	Text		686
	ApplicableBinRange <AplblBinRg>	[0..*]			686
	LowerBin <LwrBin>	[1..1]	Text		687
	HigherBin <HghrBin>	[1..1]	Text		687
	OriginalAmount <OrgnlAmt>	[0..1]			687
	ActualAmount <ActlAmt>	[0..1]	Amount		687
	MinimumAmount <MinAmt>	[0..1]	Amount		687
	MaximumAmount <MaxAmt>	[0..1]	Amount		687
	CommissionDetails <ComssnDtls>	[0..*]			688
	Amount <Amt>	[1..1]	Amount		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	MarkUpDetails <MrkUpDtls>	[0..*]			688
	Rate <Rate>	[1..1]	Rate		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688
	DeclarationDetails <DclrtDtls>	[0..*]	±		688

21.4.2.3.23.13.2.1 CurrencyConversionIdentification <CcyConvslId>*Presence:* [0..1]*Definition:* Identification of the currency conversion operation for the service provider.*Datatype:* "Max35Text" on page 1766**21.4.2.3.23.13.2.2 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	684
	NumericCode <NmrcCd>	[1..1]	Text		684
	Decimal <Dcml>	[1..1]	Quantity		684
	Name <Nm>	[0..1]	Text		684

21.4.2.3.23.13.2.2.1 AlphaCode <AlphaCd>*Presence:* [1..1]*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

21.4.2.3.23.13.2.2.2 NumericCode <NmrcCd>*Presence:* [1..1]*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).*Datatype:* "Exact3NumericText" on page 1763**21.4.2.3.23.13.2.2.3 Decimal <Dcml>***Presence:* [1..1]*Definition:* Maximal number of digits after the decimal separator for the currency.*Datatype:* "Number" on page 1762**21.4.2.3.23.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

21.4.2.3.23.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

21.4.2.3.23.13.2.4 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 1762

21.4.2.3.23.13.2.5 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 1762

21.4.2.3.23.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

21.4.2.3.23.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

21.4.2.3.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

21.4.2.3.23.13.2.9 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	686
	NumericCode <NmrcCd>	[0..1]	Text		686
	Decimal <Dcml>	[0..1]	Quantity		686
	Name <Nm>	[0..1]	Text		686

21.4.2.3.23.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

21.4.2.3.23.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

21.4.2.3.23.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

21.4.2.3.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

21.4.2.3.23.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		687
	HigherBin <HghrBin>	[1..1]	Text		687

21.4.2.3.23.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

21.4.2.3.23.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

21.4.2.3.23.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		687
	MinimumAmount <MinAmt>	[0..1]	Amount		687
	MaximumAmount <MaxAmt>	[0..1]	Amount		687

21.4.2.3.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

21.4.2.3.23.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

21.4.2.3.23.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

21.4.2.3.23.13.2.12 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		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688

21.4.2.3.23.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**21.4.2.3.23.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**21.4.2.3.23.13.2.13 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		688
	AdditionalInformation <AddtlInf>	[0..1]	Text		688

21.4.2.3.23.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**21.4.2.3.23.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**21.4.2.3.23.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrCdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

21.4.2.3.23.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

21.4.2.3.23.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

21.4.2.3.23.16 AggregationTransaction <Aggtntx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <Aggtntx> contains the following elements (see "[AggregationTransaction3](#)" on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Labl>	[0..1]	Text		1609

21.4.2.3.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1763

21.4.2.3.23.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

21.4.2.3.23.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

21.4.2.3.23.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

21.4.2.3.23.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

21.4.2.3.23.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

21.4.2.3.23.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

21.4.2.3.23.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		693
	Value <Val>	[0..1]	Binary		693
	ProtectedValue <PrtctdVal>	[0..1]	±		693
	Type <Tp>	[0..1]	Text		694

21.4.2.3.23.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

21.4.2.3.23.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

21.4.2.3.23.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

21.4.2.3.23.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1763

21.4.2.3.23.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1702

21.4.2.3.24 AuthorisationResult <AuthstnRsIt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

AuthorisationResult <AuthstnRsIt> contains the following **AuthorisationResult18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		694
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			695
	Response <Rspn>	[1..1]	CodeSet		695
	ResponseReason <RspnRsn>	[0..1]	Text		695
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		696
	AuthorisationCode <AuthstnCd>	[0..1]	Text		696

21.4.2.3.24.1 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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

21.4.2.3.24.2 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		695
	ResponseReason <RspnRsn>	[0..1]	Text		695
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		696

21.4.2.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 1748

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).

21.4.2.3.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 1766

21.4.2.3.24.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1764

21.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1768

21.4.2.3.25 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1767

21.4.2.3.26 AccountFrom <AcctFr>

Presence: [0..1]

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

AccountFrom <AcctFr> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		697
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		698
	AccountName <AcctNm>	[0..1]	Text		698
	AccountOwner <AcctOwnr>	[0..1]			699
	Name <Nm>	[1..1]	Text		699
	Address <Adr>	[1..1]	±		699
	Currency <Ccy>	[0..1]	CodeSet	C1	699
	AccountIdentifier <Acctldr>	[0..1]			700
{Or	Card <Card>	[1..1]	Text		700
Or	MSISDN <MSISDN>	[1..1]	Text		700
Or	EMail <EMail>	[1..1]	Text		700
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	700
Or	BBAN <BBAN>	[1..1]	IdentifierSet		701
Or	UPIC <UPIC>	[1..1]	IdentifierSet		701
Or	Domestic <Dmst>	[1..1]	Text		701
Or}	Other <Othr>	[1..1]	Text		701
	Servicer <Svcr>	[0..1]			701
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	702
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		702

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 1704

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 1720

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 1767

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
	Name <Nm>	[1..1]	Text		699
	Address <Adr>	[1..1]	±		699

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 1767

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 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

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 1705

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 **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		700
Or	MSISDN <MSISDN>	[1..1]	Text		700
Or	EEmail <EEmail>	[1..1]	Text		700
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	700
Or	BBAN <BBAN>	[1..1]	IdentifierSet		701
Or	UPIC <UPIC>	[1..1]	IdentifierSet		701
Or	Domestic <Dmst>	[1..1]	Text		701
Or}	Other <Othr>	[1..1]	Text		701

21.4.2.3.26.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

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 1764

21.4.2.3.26.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

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: "IBAN2007Identifier" on page 1760

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 1760

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 1761

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 1766

21.4.2.3.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

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	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	702
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		702

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 1760

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

21.4.2.3.27 AccountTo <AcctTo>

Presence: [0..1]

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

AccountTo <AcctTo> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		703
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		704
	AccountName <AcctNm>	[0..1]	Text		704
	AccountOwner <AcctOwnr>	[0..1]			705
	Name <Nm>	[1..1]	Text		705
	Address <Adr>	[1..1]	±		705
	Currency <Ccy>	[0..1]	CodeSet	C1	705
	AccountIdentifier <Acctldr>	[0..1]			706
{Or	Card <Card>	[1..1]	Text		706
Or	MSISDN <MSISDN>	[1..1]	Text		706
Or	EMail <EMail>	[1..1]	Text		706
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	706
Or	BBAN <BBAN>	[1..1]	IdentifierSet		707
Or	UPIC <UPIC>	[1..1]	IdentifierSet		707
Or	Domestic <Dmst>	[1..1]	Text		707
Or}	Other <Othr>	[1..1]	Text		707
	Servicer <Svcr>	[0..1]			707
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	708
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		708

21.4.2.3.27.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

21.4.2.3.27.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

21.4.2.3.27.3 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 1767

21.4.2.3.27.4 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		705
	Address <Adr>	[1..1]	±		705

21.4.2.3.27.4.1 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 1767

21.4.2.3.27.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

21.4.2.3.27.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

21.4.2.3.27.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		706
Or	MSISDN <MSISDN>	[1..1]	Text		706
Or	EMail <EMail>	[1..1]	Text		706
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	706
Or	BBAN <BBAN>	[1..1]	IdentifierSet		707
Or	UPIC <UPIC>	[1..1]	IdentifierSet		707
Or	Domestic <Dmst>	[1..1]	Text		707
Or}	Other <Othr>	[1..1]	Text		707

21.4.2.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

21.4.2.3.27.6.2 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 1764

21.4.2.3.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

21.4.2.3.27.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

21.4.2.3.27.6.5 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 1760

21.4.2.3.27.6.6 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 1761

21.4.2.3.27.6.7 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 1766

21.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

21.4.2.3.27.7 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	708
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		708

21.4.2.3.27.7.1 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 1760

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.

21.4.2.3.27.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

21.4.2.3.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1767

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 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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 elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

22 caaa.021.001.05 TransactionAdviceResponseV05

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 TransactionAdviceResponseV05 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> <TxAdvcRspn>	[1..1]			
	Header <Hdr>	[1..1]			712
	MessageFunction <MsgFctn>	[1..1]	CodeSet		712
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		714
	ExchangeIdentification <XchgId>	[1..1]	Quantity		714
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		714
	CreationDateTime <CreDtTm>	[1..1]	DateTime		714
	InitiatingParty <InitgPty>	[1..1]	±		714
	RecipientParty <RcptPty>	[0..1]	±		715
	Traceability <Tracblt>	[0..*]	±		715
	TransactionAdviceResponse <TxAdvcRspn>	[1..1]			716
	Environment <Envt>	[1..1]	±		716
	Transaction <Tx>	[1..1]			722
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		723
	TransactionIdentification <TxId>	[1..1]	±		723
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		723
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		723
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		723
	Response <Rspn>	[1..1]	CodeSet		723
	TMSTrigger <TMSTrggr>	[0..1]			724
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		724
	TMSIdentification <TMSId>	[0..1]	Text		724
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		724
	SupplementaryData <SplmtryData>	[0..*]	±	C3	724
	SecurityTrailer <SctyTrlr>	[0..1]	±		725

22.3 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.

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 **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		712
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		714
	ExchangeIdentification <XchgId>	[1..1]	Quantity		714
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		714
	CreationDateTime <CreDtTm>	[1..1]	DateTime		714
	InitiatingParty <InitgPty>	[1..1]	±		714
	RecipientParty <RcptPty>	[0..1]	±		715
	Traceability <Tracblt>	[0..*]	±		715

22.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

22.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

22.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

22.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

22.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctr>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

22.4.2 TransactionAdviceResponse <TxAdvcRspn>

Presence: [1..1]

Definition: Information related to the transaction advice response.

TransactionAdviceResponse <TxAdvcRspn> contains the following
AcceptorCompletionAdviceResponse12 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		716
	Transaction <Tx>	[1..1]			722
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		723
	TransactionIdentification <TxId>	[1..1]	±		723
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		723
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		723
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		723
	Response <Rspn>	[1..1]	CodeSet		723
	TMSTrigger <TMSTrggr>	[0..1]			724
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		724
	TMSIdentification <TMSId>	[0..1]	Text		724
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		724
	SupplementaryData <SplmtryData>	[0..*]	±	C3	724

22.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BillgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

22.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		723
	TransactionIdentification <TxId>	[1..1]	±		723
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		723
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		723
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		723
	Response <Rspn>	[1..1]	CodeSet		723

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 1766

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

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 1766

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 1764

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 1766

22.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 1748

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.

CodeName	Name	Definition
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).

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
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		724
	TMSIdentification <TMSId>	[0..1]	Text		724
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		724

22.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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.

22.4.2.3.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 1766

22.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1759

22.4.2.4 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 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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 elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

23 caaa.022.001.04 AcceptorNonFinancialRequestV04

23.1 MessageDefinition Functionality

The AcceptorNonFinancialRequest message is sent by the POI to receive additional information from the Acquirer (or its agent).

Outline

The AcceptorNonFinancialRequestV04 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Non Financial request message management information.
- B. NonFinancialRequest
Information related to the non financial request.
- C. SecurityTrailer
Trailer of the message containing a MAC.

23.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrNonFinReq>	[1..1]			
	Header <Hdr>	[1..1]			732
	MessageFunction <MsgFctn>	[1..1]	CodeSet		732
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		734
	ExchangeIdentification <XchgId>	[1..1]	Quantity		734
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		734
	CreationDateTime <CreDtTm>	[1..1]	DateTime		734
	InitiatingParty <InitgPty>	[1..1]	±		734
	RecipientParty <RcptPty>	[0..1]	±		735
	Traceability <Tracblt>	[0..*]	±		735
	NonFinancialRequest <NonFinReq>	[1..1]			736
	Environment <Envnt>	[1..1]	±		741
	Context <Cntxt>	[1..1]	±		747
	NonFinancialRequestContent <NonFinReqCntt>	[1..1]			750
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		755
	Transaction <Tx>	[0..1]			755
	TransactionCapture <TxCaptr>	[1..1]	Indicator		759
	TransactionType <TxTp>	[0..1]	CodeSet		760
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		760
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		761
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		761
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		762
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		762
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		762
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		762
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		762
	TransactionIdentification <TxId>	[1..1]	±		762
	OriginalTransaction <OrgnlTx>	[0..1]	±		763
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		763
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		763

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		764
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		764
	TransactionDetails <TxDtIs>	[1..1]			764
	Currency <Ccy>	[0..1]	CodeSet	C1	767
	TotalAmount <TtlAmt>	[1..1]	Amount		767
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		767
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		767
	DetailedAmount <DtldAmt>	[0..1]	±		767
	RequestedAmount <ReqdAmt>	[0..1]	Amount		768
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		768
	InvoiceAmount <InvcAmt>	[0..1]	Amount		768
	ValidityDate <VldtyDt>	[0..1]	Date		768
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		768
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		769
	AccountType <AcctTp>	[0..1]	CodeSet		769
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			770
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		772
	Conversion <Convs>	[0..1]			772
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		774
	TargetCurrency <TrgtCcy>	[1..1]			774
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774
	ResultingAmount <RsltgAmt>	[0..1]	Amount		775
	ExchangeRate <XchgRate>	[1..1]	Rate		775
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		775
	QuotationDate <QtnDt>	[0..1]	DateTime		775
	ValidFrom <VldFr>	[0..1]	DateTime		775
	ValidUntil <VldUntil>	[0..1]	DateTime		775
	SourceCurrency <SrcCcy>	[1..1]			775

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776
	ApplicableBinRange <ApblBinRg>	[0..*]			776
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777
	OriginalAmount <OrgnlAmt>	[0..1]			777
	ActualAmount <ActlAmt>	[0..1]	Amount		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777
	CommissionDetails <ComssnDtls>	[0..*]			778
	Amount <Amt>	[1..1]	Amount		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	MarkUpDetails <MrkUpDtls>	[0..*]			778
	Rate <Rate>	[1..1]	Rate		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	DeclarationDetails <DclrtnDtls>	[0..*]	±		778
	Instalment <Instlmt>	[0..*]	±		779
	Recurring <Rcrng>	[0..1]	±		780
	AggregationTransaction <AggtnTx>	[0..1]	±		781
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		781
	SaleItem <Saleitm>	[0..*]	±		781
	DeliveryLocation <DlvryLctn>	[0..1]	Text		782
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		782
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		782
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		782
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		783
	AdditionalInformation <AddtlInf>	[0..*]			783
	Identification <Id>	[1..1]	Text		783
	Value <Val>	[0..1]	Binary		783

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrctcdVal>	[0..1]	±		783
	Type <Tp>	[0..1]	Text		784
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		784
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		784
	AccountFrom <AcctFr>	[0..1]			784
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		785
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		786
	AccountName <AcctNm>	[0..1]	Text		786
	AccountOwner <AcctOwnr>	[0..1]			787
	Name <Nm>	[1..1]	Text		787
	Address <Adr>	[1..1]	±		787
	Currency <Ccy>	[0..1]	CodeSet	C1	787
	AccountIdentifier <Acctldr>	[0..1]			788
{Or	Card <Card>	[1..1]	Text		788
Or	MSISDN <MSISDN>	[1..1]	Text		788
Or	EMail <EMail>	[1..1]	Text		788
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	788
Or	BBAN <BBAN>	[1..1]	IdentifierSet		789
Or	UPIC <UPIC>	[1..1]	IdentifierSet		789
Or	Domestic <Dmst>	[1..1]	Text		789
Or}	Other <Othr>	[1..1]	Text		789
	Servicer <Svcr>	[0..1]			789
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	790
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		790
	AccountTo <AcctTo>	[0..1]			790
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		791
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		792
	AccountName <AcctNm>	[0..1]	Text		792
	AccountOwner <AcctOwnr>	[0..1]			793
	Name <Nm>	[1..1]	Text		793
	Address <Adr>	[1..1]	±		793

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	793
	AccountIdentifier <AcctIdr>	[0..1]			794
{Or	Card <Card>	[1..1]	Text		794
Or	MSISDN <MSISDN>	[1..1]	Text		794
Or	EMail <EMail>	[1..1]	Text		794
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	794
Or	BBAN <BBAN>	[1..1]	IdentifierSet		795
Or	UPIC <UPIC>	[1..1]	IdentifierSet		795
Or	Domestic <Dmst>	[1..1]	Text		795
Or}	Other <Othr>	[1..1]	Text		795
	Servicer <Svcr>	[0..1]			795
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	796
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		796
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		796
	AdditionalRequest <AddtlReq>	[0..8]			796
	Identification <Id>	[1..1]	Text		797
	Value <Val>	[0..1]	Binary		797
	ProtectedValue <PrctcdVal>	[0..1]	±		797
	Type <Tp>	[0..1]	Text		797
	SupplementaryData <SplmtryData>	[0..*]	±	C6	797
	SecurityTrailer <SctyTrlr>	[0..1]	±		798

23.3 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 CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

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.

23.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

23.4.1 Header <Hdr>

Presence: [1..1]

Definition: Non Financial request message management information.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		732
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		734
	ExchangeIdentification <XchgId>	[1..1]	Quantity		734
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		734
	CreationDateTime <CreDtTm>	[1..1]	DateTime		734
	InitiatingParty <InitgPty>	[1..1]	±		734
	RecipientParty <RcptPty>	[0..1]	±		735
	Traceability <Tracblt>	[0..*]	±		735

23.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

23.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

23.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

23.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

23.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1759

23.4.1.6 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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

23.4.1.7 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctr>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

23.4.1.8 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

23.4.2 NonFinancialRequest <NonFinReq>

Presence: [1..1]

Definition: Information related to the non financial request.

NonFinancialRequest <NonFinReq> contains the following **NonFinancialRequestComponent4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		741
	Context <Cntxt>	[1..1]	±		747
	NonFinancialRequestContent <NonFinReqCntt>	[1..1]			750
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		755
	Transaction <Tx>	[0..1]			755
	TransactionCapture <TxCaptr>	[1..1]	Indicator		759
	TransactionType <TxTp>	[0..1]	CodeSet		760
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		760
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		761
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		761
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		762
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		762
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		762
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		762
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		762
	TransactionIdentification <TxId>	[1..1]	±		762
	OriginalTransaction <OrgnlTx>	[0..1]	±		763
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		763
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		763
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		764
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		764
	TransactionDetails <TxDtls>	[1..1]			764
	Currency <Ccy>	[0..1]	CodeSet	C1	767
	TotalAmount <TtlAmt>	[1..1]	Amount		767
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		767
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		767
	DetailedAmount <DtldAmt>	[0..1]	±		767
	RequestedAmount <ReqdAmt>	[0..1]	Amount		768
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		768
	InvoiceAmount <InvAmt>	[0..1]	Amount		768

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		768
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		768
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		769
	AccountType <AcctTp>	[0..1]	CodeSet		769
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			770
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		772
	Conversion <Convs>	[0..1]			772
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		774
	TargetCurrency <TrgtCcy>	[1..1]			774
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774
	ResultingAmount <RsltAmt>	[0..1]	Amount		775
	ExchangeRate <XchgRate>	[1..1]	Rate		775
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		775
	QuotationDate <QtnDt>	[0..1]	DateTime		775
	ValidFrom <VldFr>	[0..1]	DateTime		775
	ValidUntil <VldUntil>	[0..1]	DateTime		775
	SourceCurrency <SrcCcy>	[1..1]			775
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776
	ApplicableBinRange <AplblBinRg>	[0..*]			776
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777
	OriginalAmount <OrgnlAmt>	[0..1]			777
	ActualAmount <ActlAmt>	[0..1]	Amount		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			778
	Amount <Amt>	[1..1]	Amount		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	MarkUpDetails <MrkUpDtls>	[0..*]			778
	Rate <Rate>	[1..1]	Rate		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	DeclarationDetails <DclrtnDtls>	[0..*]	±		778
	Instalment <Instlmt>	[0..*]	±		779
	Recurring <Rcrng>	[0..1]	±		780
	AggregationTransaction <AggtTx>	[0..1]	±		781
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		781
	SaleItem <Saleitm>	[0..*]	±		781
	DeliveryLocation <DlvryLctn>	[0..1]	Text		782
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		782
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		782
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		782
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		783
	AdditionalInformation <AddtlInf>	[0..*]			783
	Identification <Id>	[1..1]	Text		783
	Value <Val>	[0..1]	Binary		783
	ProtectedValue <PrctcdVal>	[0..1]	±		783
	Type <Tp>	[0..1]	Text		784
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		784
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		784
	AccountFrom <AcctFr>	[0..1]			784
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		785
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		786
	AccountName <AcctNm>	[0..1]	Text		786
	AccountOwner <AcctOwnr>	[0..1]			787
	Name <Nm>	[1..1]	Text		787
	Address <Adr>	[1..1]	±		787

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	787
	AccountIdentifier <AcctIdr>	[0..1]			788
{Or	Card <Card>	[1..1]	Text		788
Or	MSISDN <MSISDN>	[1..1]	Text		788
Or	EMail <EMail>	[1..1]	Text		788
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	788
Or	BBAN <BBAN>	[1..1]	IdentifierSet		789
Or	UPIC <UPIC>	[1..1]	IdentifierSet		789
Or	Domestic <Dmst>	[1..1]	Text		789
Or}	Other <Othr>	[1..1]	Text		789
	Servicer <Svcr>	[0..1]			789
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	790
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		790
	AccountTo <AcctTo>	[0..1]			790
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		791
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		792
	AccountName <AcctNm>	[0..1]	Text		792
	AccountOwner <AcctOwnr>	[0..1]			793
	Name <Nm>	[1..1]	Text		793
	Address <Adr>	[1..1]	±		793
	Currency <Ccy>	[0..1]	CodeSet	C1	793
	AccountIdentifier <AcctIdr>	[0..1]			794
{Or	Card <Card>	[1..1]	Text		794
Or	MSISDN <MSISDN>	[1..1]	Text		794
Or	EMail <EMail>	[1..1]	Text		794
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	794
Or	BBAN <BBAN>	[1..1]	IdentifierSet		795
Or	UPIC <UPIC>	[1..1]	IdentifierSet		795
Or	Domestic <Dmst>	[1..1]	Text		795
Or}	Other <Othr>	[1..1]	Text		795
	Servicer <Svcr>	[0..1]			795

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	796
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		796
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		796
	AdditionalRequest <AddtlReq>	[0..8]			796
	Identification <Id>	[1..1]	Text		797
	Value <Val>	[0..1]	Binary		797
	ProtectedValue <PrctcdVal>	[0..1]	±		797
	Type <Tp>	[0..1]	Text		797
	SupplementaryData <SplmtryData>	[0..*]	±	C6	797

23.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <CrdhldrId>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <DrvrId>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

23.4.2.2 Context <Cntxt>

Presence: [1..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

23.4.2.3 NonFinancialRequestContent <NonFinReqCntt>

Presence: [1..1]

Definition: Aim of the non financial request.

NonFinancialRequestContent <NonFinReqCntt> contains the following
NonFinancialRequestContentComponent4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		755
	Transaction <Tx>	[0..1]			755
	TransactionCapture <TxCaptr>	[1..1]	Indicator		759
	TransactionType <TxTp>	[0..1]	CodeSet		760
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		760
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		761
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		761
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		762
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		762
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		762
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		762
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		762
	TransactionIdentification <TxId>	[1..1]	±		762
	OriginalTransaction <OrgnlTx>	[0..1]	±		763
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		763
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		763
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		764
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		764
	TransactionDetails <TxDtls>	[1..1]			764
	Currency <Ccy>	[0..1]	CodeSet	C1	767
	TotalAmount <TtlAmt>	[1..1]	Amount		767
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		767
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		767
	DetailedAmount <DtldAmt>	[0..1]	±		767
	RequestedAmount <ReqdAmt>	[0..1]	Amount		768
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		768
	InvoiceAmount <InvcAmt>	[0..1]	Amount		768
	ValidityDate <VldtyDt>	[0..1]	Date		768
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		768
	UnattendedLevelCategory <UatnddLvICtgy>	[0..1]	Text		769

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		769
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			770
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		772
	Conversion <Convs>	[0..1]			772
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		774
	TargetCurrency <TrgtCcy>	[1..1]			774
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		775
	ExchangeRate <XchgRate>	[1..1]	Rate		775
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		775
	QuotationDate <QtnDt>	[0..1]	DateTime		775
	ValidFrom <VldFr>	[0..1]	DateTime		775
	ValidUntil <VldUntil>	[0..1]	DateTime		775
	SourceCurrency <SrcCcy>	[1..1]			775
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776
	ApplicableBinRange <AplblBinRg>	[0..*]			776
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777
	OriginalAmount <OrgnlAmt>	[0..1]			777
	ActualAmount <ActlAmt>	[0..1]	Amount		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777
	CommissionDetails <ComssnDtls>	[0..*]			778
	Amount <Amt>	[1..1]	Amount		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			778
	Rate <Rate>	[1..1]	Rate		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	DeclarationDetails <DclrtnDtls>	[0..*]	±		778
	Instalment <Instlmt>	[0..*]	±		779
	Recurring <Rcrng>	[0..1]	±		780
	AggregationTransaction <AggtnTx>	[0..1]	±		781
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		781
	SaleItem <Saleitm>	[0..*]	±		781
	DeliveryLocation <DlvryLctn>	[0..1]	Text		782
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		782
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		782
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		782
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		783
	AdditionalInformation <AddtlInf>	[0..*]			783
	Identification <Id>	[1..1]	Text		783
	Value <Val>	[0..1]	Binary		783
	ProtectedValue <PrctcdVal>	[0..1]	±		783
	Type <Tp>	[0..1]	Text		784
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		784
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		784
	AccountFrom <AcctFr>	[0..1]			784
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		785
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		786
	AccountName <AcctNm>	[0..1]	Text		786
	AccountOwner <AcctOwnr>	[0..1]			787
	Name <Nm>	[1..1]	Text		787
	Address <Adr>	[1..1]	±		787
	Currency <Ccy>	[0..1]	CodeSet	C1	787
	AccountIdentifier <AcctIdr>	[0..1]			788
{Or	Card <Card>	[1..1]	Text		788

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		788
Or	EMail <EMail>	[1..1]	Text		788
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	788
Or	BBAN <BBAN>	[1..1]	IdentifierSet		789
Or	UPIC <UPIC>	[1..1]	IdentifierSet		789
Or	Domestic <Dmst>	[1..1]	Text		789
Or}	Other <Othr>	[1..1]	Text		789
	Servicer <Svcr>	[0..1]			789
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	790
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		790
	AccountTo <AcctTo>	[0..1]			790
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		791
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		792
	AccountName <AcctNm>	[0..1]	Text		792
	AccountOwner <AcctOwnr>	[0..1]			793
	Name <Nm>	[1..1]	Text		793
	Address <Adr>	[1..1]	±		793
	Currency <Ccy>	[0..1]	CodeSet	C1	793
	AccountIdentifier <AcctIdr>	[0..1]			794
{Or	Card <Card>	[1..1]	Text		794
Or	MSISDN <MSISDN>	[1..1]	Text		794
Or	EMail <EMail>	[1..1]	Text		794
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	794
Or	BBAN <BBAN>	[1..1]	IdentifierSet		795
Or	UPIC <UPIC>	[1..1]	IdentifierSet		795
Or	Domestic <Dmst>	[1..1]	Text		795
Or}	Other <Othr>	[1..1]	Text		795
	Servicer <Svcr>	[0..1]			795
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	796
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		796
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		796

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalRequest <AddtlReq>	[0..8]			796
	Identification <Id>	[1..1]	Text		797
	Value <Val>	[0..1]	Binary		797
	ProtectedValue <PrctcdVal>	[0..1]	±		797
	Type <Tp>	[0..1]	Text		797

23.4.2.3.1 NonFinancialRequestType <NonFinReqTp>

Presence: [1..*]

Definition: Type of non financial request that the Acceptor wants to be processed.

Datatype: "NonFinancialRequestType2Code" on page 1738

CodeName	Name	Definition
ACQR	AcquirerSelection	According to several parameters of a transaction, an Intermediary Agent helps an Acceptor to identify the more relevant Acquirer to process the transaction.
PARQ	ParRequest	The Intermediary Agent or Acquirer provides the PaymentAccountReference to use to process the transaction.
RISK	RiskManagement	The Intermediary Agent or Acquirer helps the Acceptor to assess the risk management of the transaction.
TOKN	TokenRequest	The Intermediary Agent or Acquirer provides the token to use to process the transaction.
ADDR	AdditionalRequest	Indicates a request which implies to receive additional information.
INSM	InstalmentPlanRequest	Request to receive acquirer instalment plans.

23.4.2.3.2 Transaction <Tx>

Presence: [0..1]

Definition: Card payment transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction134** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		759
	TransactionType <TxTp>	[0..1]	CodeSet		760
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		760
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		761
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		761
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		762
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		762
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		762
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		762
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		762
	TransactionIdentification <TxId>	[1..1]	±		762
	OriginalTransaction <OrgnlTx>	[0..1]	±		763
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		763
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		763
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		764
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		764
	TransactionDetails <TxDtls>	[1..1]			764
	Currency <Ccy>	[0..1]	CodeSet	C1	767
	TotalAmount <TtlAmt>	[1..1]	Amount		767
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		767
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		767
	DetailedAmount <DtldAmt>	[0..1]	±		767
	RequestedAmount <ReqdAmt>	[0..1]	Amount		768
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		768
	InvoiceAmount <InvAmt>	[0..1]	Amount		768
	ValidityDate <VldtyDt>	[0..1]	Date		768
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		768
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		769
	AccountType <AcctTp>	[0..1]	CodeSet		769
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			770
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		772

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Conv>	[0..1]			772
	CurrencyConversionIdentification <CcyConvsl>	[0..1]	Text		774
	TargetCurrency <TrgtCcy>	[1..1]			774
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774
	ResultingAmount <RsltAmt>	[0..1]	Amount		775
	ExchangeRate <XchgRate>	[1..1]	Rate		775
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		775
	QuotationDate <QtnDt>	[0..1]	DateTime		775
	ValidFrom <VldFr>	[0..1]	DateTime		775
	ValidUntil <VldUntil>	[0..1]	DateTime		775
	SourceCurrency <SrcCcy>	[1..1]			775
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776
	ApplicableBinRange <AplblBinRg>	[0..*]			776
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777
	OriginalAmount <OrgnlAmt>	[0..1]			777
	ActualAmount <ActlAmt>	[0..1]	Amount		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777
	CommissionDetails <ComssnDtls>	[0..*]			778
	Amount <Amt>	[1..1]	Amount		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	MarkUpDetails <MrkUpDtls>	[0..*]			778
	Rate <Rate>	[1..1]	Rate		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		778
	Instalment <Instlmt>	[0..*]	±		779
	Recurring <Rcrng>	[0..1]	±		780
	AggregationTransaction <AggtnTx>	[0..1]	±		781
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		781
	SaleItem <Saleitm>	[0..*]	±		781
	DeliveryLocation <DlvryLctn>	[0..1]	Text		782
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		782
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		782
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		782
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		783
	AdditionalInformation <AddtlInf>	[0..*]			783
	Identification <Id>	[1..1]	Text		783
	Value <Val>	[0..1]	Binary		783
	ProtectedValue <PrctcdVal>	[0..1]	±		783
	Type <Tp>	[0..1]	Text		784
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		784
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		784
	AccountFrom <AcctFr>	[0..1]			784
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		785
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		786
	AccountName <AcctNm>	[0..1]	Text		786
	AccountOwner <AcctOwnr>	[0..1]			787
	Name <Nm>	[1..1]	Text		787
	Address <Adr>	[1..1]	±		787
	Currency <Ccy>	[0..1]	CodeSet	C1	787
	AccountIdentifier <Acctldr>	[0..1]			788
{Or	Card <Card>	[1..1]	Text		788
Or	MSISDN <MSISDN>	[1..1]	Text		788
Or	EMail <EMail>	[1..1]	Text		788
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	788

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	BBAN <BBAN>	[1..1]	IdentifierSet		789
Or	UPIC <UPIC>	[1..1]	IdentifierSet		789
Or	Domestic <Dmst>	[1..1]	Text		789
Or}	Other <Othr>	[1..1]	Text		789
	Servicer <Svcr>	[0..1]			789
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	790
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		790
	AccountTo <AcctTo>	[0..1]			790
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		791
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		792
	AccountName <AcctNm>	[0..1]	Text		792
	AccountOwner <AcctOwnr>	[0..1]			793
	Name <Nm>	[1..1]	Text		793
	Address <Adr>	[1..1]	±		793
	Currency <Ccy>	[0..1]	CodeSet	C1	793
	AccountIdentifier <AcctIdr>	[0..1]			794
{Or	Card <Card>	[1..1]	Text		794
Or	MSISDN <MSISDN>	[1..1]	Text		794
Or	EMail <EMail>	[1..1]	Text		794
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	794
Or	BBAN <BBAN>	[1..1]	IdentifierSet		795
Or	UPIC <UPIC>	[1..1]	IdentifierSet		795
Or	Domestic <Dmst>	[1..1]	Text		795
Or}	Other <Othr>	[1..1]	Text		795
	Servicer <Svcr>	[0..1]			795
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	796
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		796
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		796

23.4.2.3.2.1 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 1761):

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

23.4.2.3.2.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: ["CardPaymentServiceType12Code"](#) on page 1723

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.

23.4.2.3.2.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: ["CardPaymentServiceType9Code"](#) on page 1725

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.

23.4.2.3.2.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

23.4.2.3.2.5 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 1761):

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

23.4.2.3.2.6 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 1769

23.4.2.3.2.7 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 1761):

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

23.4.2.3.2.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 1766

23.4.2.3.2.9 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Specifies 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 1766

23.4.2.3.2.10 SaleReferenceIdentification <SaleRefld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

23.4.2.3.2.11 TransactionIdentification <Txld>

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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

23.4.2.3.2.12 OriginalTransaction <OrgnTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1438 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIID>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

23.4.2.3.2.13 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "[Max35Text](#)" on page 1766

23.4.2.3.2.14 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 1766

23.4.2.3.2.15 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

23.4.2.3.2.16 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

23.4.2.3.2.17 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	767
	TotalAmount <TtlAmt>	[1..1]	Amount		767
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		767
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		767
	DetailedAmount <DtldAmt>	[0..1]	±		767
	RequestedAmount <ReqdAmt>	[0..1]	Amount		768
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		768
	InvoiceAmount <InvcAmt>	[0..1]	Amount		768
	ValidityDate <VldtyDt>	[0..1]	Date		768
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		768
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		769
	AccountType <AcctTp>	[0..1]	CodeSet		769
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			770
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		772
	Conversion <Convs>	[0..1]			772
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		774
	TargetCurrency <TrgtCcy>	[1..1]			774
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774
	ResultingAmount <RsltgAmt>	[0..1]	Amount		775
	ExchangeRate <XchgRate>	[1..1]	Rate		775
	InvertedExchangeRate <NvrtXdXchgRate>	[0..1]	Rate		775
	QuotationDate <QtnDt>	[0..1]	DateTime		775
	ValidFrom <VldFr>	[0..1]	DateTime		775
	ValidUntil <VldUntil>	[0..1]	DateTime		775
	SourceCurrency <SrcCcy>	[1..1]			775
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		776
	ApplicableBinRange <AplblBinRg>	[0..*]			776
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777
	OriginalAmount <OrgnlAmt>	[0..1]			777
	ActualAmount <ActlAmt>	[0..1]	Amount		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777
	CommissionDetails <ComssnDtls>	[0..*]			778
	Amount <Amt>	[1..1]	Amount		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	MarkUpDetails <MrkUpDtls>	[0..*]			778
	Rate <Rate>	[1..1]	Rate		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	DeclarationDetails <Dclrtndtls>	[0..*]	±		778
	Instalment <Instlmt>	[0..*]	±		779
	Recurring <Rcrng>	[0..1]	±		780
	AggregationTransaction <AggtTx>	[0..1]	±		781
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		781
	SaleItem <Saleitm>	[0..*]	±		781
	DeliveryLocation <DivryLctn>	[0..1]	Text		782
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		782
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		782
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		782
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		783
	AdditionalInformation <AddtlInf>	[0..*]			783
	Identification <Id>	[1..1]	Text		783
	Value <Val>	[0..1]	Binary		783
	ProtectedValue <PrctcdVal>	[0..1]	±		783
	Type <Tp>	[0..1]	Text		784
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		784

23.4.2.3.2.17.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

23.4.2.3.2.17.2 TotalAmount <TtlAmt>*Presence:* [1..1]*Definition:* Total amount of the transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**23.4.2.3.2.17.3 CumulativeAmount <CmltvAmt>***Presence:* [0..1]*Definition:* Contains the updated amount of all authorisations related to the same business transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**23.4.2.3.2.17.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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.

23.4.2.3.2.17.5 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 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

23.4.2.3.2.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

23.4.2.3.2.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

23.4.2.3.2.17.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

23.4.2.3.2.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

23.4.2.3.2.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

23.4.2.3.2.17.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1766

23.4.2.3.2.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

23.4.2.3.2.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		772
	Conversion <Convs>	[0..1]			772
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		774
	TargetCurrency <TrgtCcy>	[1..1]			774
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774
	ResultingAmount <RsltgAmt>	[0..1]	Amount		775
	ExchangeRate <XchgRate>	[1..1]	Rate		775
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		775
	QuotationDate <QtnDt>	[0..1]	DateTime		775
	ValidFrom <VldFr>	[0..1]	DateTime		775
	ValidUntil <VldUntil>	[0..1]	DateTime		775
	SourceCurrency <SrcCcy>	[1..1]			775
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776
	ApplicableBinRange <AplblBinRg>	[0..*]			776
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777
	OriginalAmount <OrgnlAmt>	[0..1]			777
	ActualAmount <ActlAmt>	[0..1]	Amount		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777
	CommissionDetails <ComssnDtls>	[0..*]			778
	Amount <Amt>	[1..1]	Amount		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	MarkUpDetails <MrkUpDtls>	[0..*]			778

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	DeclarationDetails <DclrtnDtls>	[0..*]	±		778

23.4.2.3.2.17.13.1 AcceptedByCardholder <AcctdByCrdhldr>

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 1761):

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

23.4.2.3.2.17.13.2 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		774
	TargetCurrency <TrgtCcy>	[1..1]			774
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774
	ResultingAmount <RsltAmt>	[0..1]	Amount		775
	ExchangeRate <XchgRate>	[1..1]	Rate		775
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		775
	QuotationDate <QtnDt>	[0..1]	DateTime		775
	ValidFrom <VldFr>	[0..1]	DateTime		775
	ValidUntil <VldUntil>	[0..1]	DateTime		775
	SourceCurrency <SrcCcy>	[1..1]			775
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776
	ApplicableBinRange <AplblBinRg>	[0..*]			776
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777
	OriginalAmount <OrgnlAmt>	[0..1]			777
	ActualAmount <ActlAmt>	[0..1]	Amount		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777
	CommissionDetails <ComssnDtls>	[0..*]			778
	Amount <Amt>	[1..1]	Amount		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	MarkUpDetails <MrkUpDtls>	[0..*]			778
	Rate <Rate>	[1..1]	Rate		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	DeclarationDetails <DclrtDtls>	[0..*]	±		778

23.4.2.3.2.17.13.2.1 CurrencyConversionIdentification <CcyConvId>*Presence:* [0..1]*Definition:* Identification of the currency conversion operation for the service provider.*Datatype:* "Max35Text" on page 1766**23.4.2.3.2.17.13.2.2 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	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774

23.4.2.3.2.17.13.2.2.1 AlphaCode <AlphaCd>*Presence:* [1..1]*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

23.4.2.3.2.17.13.2.2.2 NumericCode <NmrcCd>*Presence:* [1..1]*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).*Datatype:* "Exact3NumericText" on page 1763**23.4.2.3.2.17.13.2.2.3 Decimal <Dcml>***Presence:* [1..1]*Definition:* Maximal number of digits after the decimal separator for the currency.*Datatype:* "Number" on page 1762**23.4.2.3.2.17.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

23.4.2.3.2.17.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

23.4.2.3.2.17.13.2.4 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 1762

23.4.2.3.2.17.13.2.5 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 1762

23.4.2.3.2.17.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

23.4.2.3.2.17.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

23.4.2.3.2.17.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

23.4.2.3.2.17.13.2.9 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	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776

23.4.2.3.2.17.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

23.4.2.3.2.17.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

23.4.2.3.2.17.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

23.4.2.3.2.17.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

23.4.2.3.2.17.13.2.10 ApplicableBinRange <AplbIBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777

23.4.2.3.2.17.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

23.4.2.3.2.17.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

23.4.2.3.2.17.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777

23.4.2.3.2.17.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

23.4.2.3.2.17.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

23.4.2.3.2.17.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

23.4.2.3.2.17.13.2.12 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		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778

23.4.2.3.2.17.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**23.4.2.3.2.17.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**23.4.2.3.2.17.13.2.13 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		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778

23.4.2.3.2.17.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**23.4.2.3.2.17.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**23.4.2.3.2.17.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

23.4.2.3.2.17.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

23.4.2.3.2.17.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

23.4.2.3.2.17.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Lab/>	[0..1]	Text		1609

23.4.2.3.2.17.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1763

23.4.2.3.2.17.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

23.4.2.3.2.17.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

23.4.2.3.2.17.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

23.4.2.3.2.17.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

23.4.2.3.2.17.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

23.4.2.3.2.17.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

23.4.2.3.2.17.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		783
	Value <Val>	[0..1]	Binary		783
	ProtectedValue <PrtctdVal>	[0..1]	±		783
	Type <Tp>	[0..1]	Text		784

23.4.2.3.2.17.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

23.4.2.3.2.17.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

23.4.2.3.2.17.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

23.4.2.3.2.17.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1763

23.4.2.3.2.17.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 1702

23.4.2.3.2.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "[Max70Text](#)" on page 1767

23.4.2.3.2.19 AccountFrom <AcctFr>

Presence: [0..1]

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

AccountFrom <AcctFr> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		785
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		786
	AccountName <AcctNm>	[0..1]	Text		786
	AccountOwner <AcctOwnr>	[0..1]			787
	Name <Nm>	[1..1]	Text		787
	Address <Adr>	[1..1]	±		787
	Currency <Ccy>	[0..1]	CodeSet	C1	787
	AccountIdentifier <AcctIdr>	[0..1]			788
{Or	Card <Card>	[1..1]	Text		788
Or	MSISDN <MSISDN>	[1..1]	Text		788
Or	EMail <EMail>	[1..1]	Text		788
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	788
Or	BBAN <BBAN>	[1..1]	IdentifierSet		789
Or	UPIC <UPIC>	[1..1]	IdentifierSet		789
Or	Domestic <Dmst>	[1..1]	Text		789
Or}	Other <Othr>	[1..1]	Text		789
	Servicer <Svcr>	[0..1]			789
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	790
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		790

23.4.2.3.2.19.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

23.4.2.3.2.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

23.4.2.3.2.19.3 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 1767

23.4.2.3.2.19.4 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		787
	Address <Adr>	[1..1]	±		787

23.4.2.3.2.19.4.1 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 1767

23.4.2.3.2.19.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

23.4.2.3.2.19.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

23.4.2.3.2.19.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		788
Or	MSISDN <MSISDN>	[1..1]	Text		788
Or	EMail <EMail>	[1..1]	Text		788
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	788
Or	BBAN <BBAN>	[1..1]	IdentifierSet		789
Or	UPIC <UPIC>	[1..1]	IdentifierSet		789
Or	Domestic <Dmst>	[1..1]	Text		789
Or}	Other <Othr>	[1..1]	Text		789

23.4.2.3.2.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

23.4.2.3.2.19.6.2 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 1764

23.4.2.3.2.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

23.4.2.3.2.19.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

23.4.2.3.2.19.6.5 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 1760

23.4.2.3.2.19.6.6 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 1761

23.4.2.3.2.19.6.7 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 1766

23.4.2.3.2.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

23.4.2.3.2.19.7 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	790
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		790

23.4.2.3.2.19.7.1 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 1760

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.

23.4.2.3.2.19.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

23.4.2.3.2.20 AccountTo <AcctTo>

Presence: [0..1]

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

AccountTo <AcctTo> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		791
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		792
	AccountName <AcctNm>	[0..1]	Text		792
	AccountOwner <AcctOwnr>	[0..1]			793
	Name <Nm>	[1..1]	Text		793
	Address <Adr>	[1..1]	±		793
	Currency <Ccy>	[0..1]	CodeSet	C1	793
	AccountIdentifier <AcctIdr>	[0..1]			794
{Or	Card <Card>	[1..1]	Text		794
Or	MSISDN <MSISDN>	[1..1]	Text		794
Or	EMail <EMail>	[1..1]	Text		794
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	794
Or	BBAN <BBAN>	[1..1]	IdentifierSet		795
Or	UPIC <UPIC>	[1..1]	IdentifierSet		795
Or	Domestic <Dmst>	[1..1]	Text		795
Or}	Other <Othr>	[1..1]	Text		795
	Servicer <Svcr>	[0..1]			795
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	796
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		796

23.4.2.3.2.20.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

23.4.2.3.2.20.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

23.4.2.3.2.20.3 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 1767

23.4.2.3.2.20.4 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		793
	Address <Adr>	[1..1]	±		793

23.4.2.3.2.20.4.1 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 1767

23.4.2.3.2.20.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

23.4.2.3.2.20.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

23.4.2.3.2.20.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		794
Or	MSISDN <MSISDN>	[1..1]	Text		794
Or	EEmail <EEmail>	[1..1]	Text		794
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	794
Or	BBAN <BBAN>	[1..1]	IdentifierSet		795
Or	UPIC <UPIC>	[1..1]	IdentifierSet		795
Or	Domestic <Dmst>	[1..1]	Text		795
Or}	Other <Othr>	[1..1]	Text		795

23.4.2.3.2.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

23.4.2.3.2.20.6.2 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 1764

23.4.2.3.2.20.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

23.4.2.3.2.20.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

23.4.2.3.2.20.6.5 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 1760

23.4.2.3.2.20.6.6 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 1761

23.4.2.3.2.20.6.7 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 1766

23.4.2.3.2.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

23.4.2.3.2.20.7 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	796
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		796

23.4.2.3.2.20.7.1 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 1760

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.

23.4.2.3.2.20.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

23.4.2.3.2.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1767

23.4.2.3.3 AdditionalRequest <AddtlReq>

Presence: [0..8]

Definition: Additional elements requested to the ServiceProvider which are not linked to payment.

AdditionalRequest <AddtlReq> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		797
	Value <Val>	[0..1]	Binary		797
	ProtectedValue <PrctcdVal>	[0..1]	±		797
	Type <Tp>	[0..1]	Text		797

23.4.2.3.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

23.4.2.3.3.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

23.4.2.3.3.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

23.4.2.3.3.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1763

23.4.2.4 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 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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.

23.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

24 caaa.023.001.04

AcceptorNonFinancialResponseV04

24.1 MessageDefinition Functionality

The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide additional information.

Outline

The AcceptorNonFinancialResponseV04 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Non Financial response message management information.
- B. NonFinancialResponse
 - Information related to the non financial response.
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

24.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrNonFinRspn>	[1..1]			
	Header <Hdr>	[1..1]			801
	MessageFunction <MsgFctn>	[1..1]	CodeSet		802
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		803
	ExchangeIdentification <XchgId>	[1..1]	Quantity		803
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		803
	CreationDateTime <CreDtTm>	[1..1]	DateTime		803
	InitiatingParty <InitgPty>	[1..1]	±		804
	RecipientParty <RcptPty>	[0..1]	±		804
	Traceability <Tracblt>	[0..*]	±		805
	NonFinancialResponse <NonFinRspn>	[1..1]			805
	Environment <Envt>	[1..1]	±		806
	ResponseContent <RspnCnnt>	[1..*]			812
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		813
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		814
	RiskManagementResult <RskMgmtRslt>	[0..1]	CodeSet		814
	Instalment <Instlmt>	[0..*]	±		814
	AdditionalResponse <AddtlRspn>	[0..*]			815
	Identification <Id>	[1..1]	Text		815
	Value <Val>	[0..1]	Binary		815
	ProtectedValue <PrtctdVal>	[0..1]	±		815
	Type <Tp>	[0..1]	Text		815
	Action <Actn>	[0..*]			816
	ActionType <ActnTp>	[1..1]	CodeSet		816
	MessageToPresent <MsgToPres>	[0..1]	±		817
	RemoteAccess <RmotAccs>	[0..1]	±		818
	Retry <Rtry>	[0..1]	±		818
	TimeCondition <TmCond>	[0..1]	±		818
	Response <Rspn>	[1..1]	±		819
	Response <Rspn>	[1..1]	±		819

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SupplementaryData <SplmtryData>	[0..*]	±	C3	819
	SecurityTrailer <SctyTrlr>	[0..1]	±		819

24.3 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.

24.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

24.4.1 Header <Hdr>

Presence: [1..1]

Definition: Non Financial response message management information.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		802
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		803
	ExchangeIdentification <XchgId>	[1..1]	Quantity		803
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		803
	CreationDateTime <CreDtTm>	[1..1]	DateTime		803
	InitiatingParty <InitgPty>	[1..1]	±		804
	RecipientParty <RcptPty>	[0..1]	±		804
	Traceability <Tracblt>	[0..*]	±		805

24.4.1.1 MessageFunction <MsgFctn>*Presence:* [1..1]*Definition:* Identifies the type of process related to the message.*Datatype:* "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

24.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

24.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

24.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

24.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 1759

24.4.1.6 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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

24.4.1.7 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

24.4.1.8 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

24.4.2 NonFinancialResponse <NonFinRspn>*Presence:* [1..1]*Definition:* Information related to the non financial response.

NonFinancialResponse <NonFinRspn> contains the following **NonFinancialResponseComponent4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		806
	ResponseContent <RspnCnnt>	[1..*]			812
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		813
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		814
	RiskManagementResult <RskMgmtRslt>	[0..1]	CodeSet		814
	Instalment <Instlmt>	[0..*]	±		814
	AdditionalResponse <AddtlRspn>	[0..*]			815
	Identification <Id>	[1..1]	Text		815
	Value <Val>	[0..1]	Binary		815
	ProtectedValue <PrctcdVal>	[0..1]	±		815
	Type <Tp>	[0..1]	Text		815
	Action <Actn>	[0..*]			816
	ActionType <ActnTp>	[1..1]	CodeSet		816
	MessageToPresent <MsgToPres>	[0..1]	±		817
	RemoteAccess <RmotAccs>	[0..1]	±		818
	Retry <Rtry>	[0..1]	±		818
	TimeCondition <TmCond>	[0..1]	±		818
	Response <Rspn>	[1..1]	±		819
	Response <Rspn>	[1..1]	±		819
	SupplementaryData <SplmtryData>	[0..*]	±	C3	819

24.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

24.4.2.2 ResponseContent <RspnCnnt>

Presence: [1..*]

Definition: Response of the non financial request.

ResponseContent <RspnCnnt> contains the following **NonFinancialResponseContentComponent4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		813
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		814
	RiskManagementResult <RskMgmtRsIt>	[0..1]	CodeSet		814
	Instalment <Instlmt>	[0..*]	±		814
	AdditionalResponse <AddtlRspn>	[0..*]			815
	Identification <Id>	[1..1]	Text		815
	Value <Val>	[0..1]	Binary		815
	ProtectedValue <PrtctdVal>	[0..1]	±		815
	Type <Tp>	[0..1]	Text		815
	Action <Actn>	[0..*]			816
	ActionType <ActnTp>	[1..1]	CodeSet		816
	MessageToPresent <MsgToPres>	[0..1]	±		817
	RemoteAccess <RmotAccs>	[0..1]	±		818
	Retry <Rtry>	[0..1]	±		818
	TimeCondition <TmCond>	[0..1]	±		818
	Response <Rspn>	[1..1]	±		819

24.4.2.2.1 NonFinancialRequestType <NonFinReqTp>

Presence: [1..1]

Definition: Type of non financial request that the Acquirer processed.

Datatype: "NonFinancialRequestType2Code" on page 1738

CodeName	Name	Definition
ACQR	AcquirerSelection	According to several parameters of a transaction, an Intermediary Agent helps an Acceptor to identify the more relevant Acquirer to process the transaction.
PARQ	ParRequest	The Intermediary Agent or Acquirer provides the PaymentAccountReference to use to process the transaction.
RISK	RiskManagement	The Intermediary Agent or Acquirer helps the Acceptor to assess the risk management of the transaction.
TOKN	TokenRequest	The Intermediary Agent or Acquirer provides the token to use to process the transaction.

CodeName	Name	Definition
ADDR	AdditionalRequest	Indicates a request which implies to receive additional information.
INSM	InstalmentPlanRequest	Request to receive acquirer instalment plans.

24.4.2.2.2 AcquirerSelected <AcqrrSelctd>

Presence: [0..1]

Definition: Identification of the most relevant Acquirer to process the transaction.

AcquirerSelected <AcqrrSelctd> contains the following elements (see "[Acquirer10](#)" on page 1193 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1193
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1193

24.4.2.2.3 RiskManagementResult <RskMgmtRslt>

Presence: [0..1]

Definition: Advice from the Acquirer (or its Agent) to the POI to manage risk.

Datatype: "[NonFinancialResponseRisk1Code](#)" on page 1739

CodeName	Name	Definition
DECL	Decline	A decline of the transaction is expected by the POI to manage risk.
NCHG	LocallyManaged	The POI is able to assess the risk by himself.
ONLN	RequestOnline	An authorisation is expected from the POI to manage risk.

24.4.2.2.4 Instalment <Instlmt>

Presence: [0..*]

Definition: Details of instalment supported by the Service Provider.

Instalment <Instlmt> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

24.4.2.2.5 AdditionalResponse <AddtlRspn>*Presence:* [0..*]*Definition:* Additional elements sent by the ServiceProvider which are not linked to payment.**AdditionalResponse <AddtlRspn>** contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		815
	Value <Val>	[0..1]	Binary		815
	ProtectedValue <PrctcdVal>	[0..1]	±		815
	Type <Tp>	[0..1]	Text		815

24.4.2.2.5.1 Identification <Id>*Presence:* [1..1]*Definition:* Identification of the set of data to exchange.*Datatype:* "Max1025Text" on page 1763**24.4.2.2.5.2 Value <Val>***Presence:* [0..1]*Definition:* Data to exchange according to an external standard.*Datatype:* "Max100KBinary" on page 1702**24.4.2.2.5.3 ProtectedValue <PrctcdVal>***Presence:* [0..1]*Definition:* Protection of the values to exchange.**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType39" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

24.4.2.2.5.4 Type <Tp>*Presence:* [0..1]*Definition:* Identification of the standard used to encode the values to exchange.*Datatype:* "Max1025Text" on page 1763

24.4.2.2.6 Action <Actn>*Presence:* [0..*]*Definition:* Set of actions to be performed by the POI (Point Of Interaction) system.**Action <Actn>** contains the following **Action15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		816
	MessageToPresent <MsgToPres>	[0..1]	±		817
	RemoteAccess <RmotAccs>	[0..1]	±		818
	Retry <Rtry>	[0..1]	±		818
	TimeCondition <TmCond>	[0..1]	±		818

24.4.2.2.6.1 ActionType <ActnTp>*Presence:* [1..1]*Definition:* Type of action to be performed by the POI (Point Of Interaction) system.*Datatype:* "ActionType13Code" on page 1704

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

CodeName	Name	Definition
		ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.

24.4.2.2.6.2 MessageToPresent <MsgToPres>

Presence: [0..1]

Definition: Message to be displayed to the cardholder or the cashier.

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage11](#)" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

24.4.2.2.6.3 RemoteAccess <RmotAccs>*Presence:* [0..1]*Definition:* Access information to reach the target host.**RemoteAccess <RmotAccs>** contains the following elements (see "[NetworkParameters7](#)" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1622
	NetworkType <NtwkTp>	[1..1]	CodeSet		1622
	AddressValue <AdrVal>	[1..1]	Text		1622
	UserName <UsrNm>	[0..1]	Text		1623
	AccessCode <AccsCd>	[0..1]	Binary		1623
	ServerCertificate <SvrCert>	[0..*]	Binary		1623
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1623
	ClientCertificate <CIntCert>	[0..*]	Binary		1623
	SecurityProfile <SctyPrfl>	[0..1]	Text		1623

24.4.2.2.6.4 Retry <Rtry>*Presence:* [0..1]*Definition:* Definition of retry process if activation of an action fails.**Retry <Rtry>** contains the following elements (see "[ProcessRetry3](#)" on page 1694 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		1694
	MaximumNumber <MaxNb>	[0..1]	Quantity		1694
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1694

24.4.2.2.6.5 TimeCondition <TmCond>*Presence:* [0..1]*Definition:* Timing condition for periodic exchanges.**TimeCondition <TmCond>** contains the following elements (see "[ProcessTiming6](#)" on page 1695 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		1695
	EndTime <EndTm>	[0..1]	DateTime		1695
	Period <Prd>	[0..1]	Text		1695
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1695

24.4.2.2.7 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the processing of the request.**Response <Rspn>** contains the following elements (see "[ResponseType11](#)" on page 1598 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1599
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1599
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1600

24.4.2.3 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the processing of the request.**Response <Rspn>** contains the following elements (see "[ResponseType11](#)" on page 1598 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1599
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1599
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1600

24.4.2.4 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 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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.

24.4.3 SecurityTrailer <SctyTrlr>*Presence:* [0..1]*Definition:* Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

25 caaa.024.001.04

AcceptorTransactionLogReportRequestV04

25.1 MessageDefinition Functionality

The AcceptorTransactionLogReportRequest message is sent by an Acceptor to an Acquirer or its IntermediaryAgent to request a report service.

Outline

The AcceptorTransactionLogReportRequestV04 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Set of characteristics related to the transfer of the request.
- B. ReportRequest
 - Information related to the report request.
- C. SecurityTrailer
 - Trailer of the message containing a MAC or a digital signature.

25.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrTxLgRptReq>	[1..1]			
	Header <Hdr>	[1..1]			823
	MessageFunction <MsgFctn>	[1..1]	CodeSet		824
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		825
	ExchangeIdentification <XchgId>	[1..1]	Quantity		826
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		826
	CreationDateTime <CreDtTm>	[1..1]	DateTime		826
	InitiatingParty <InitgPty>	[1..1]	±		826
	RecipientParty <RcptPty>	[0..1]	±		826
	Traceability <Tracblt>	[0..*]	±		827
	ReportRequest <RptReq>	[1..1]			827
	Environment <Envt>	[1..1]	±		828
	Context <Cntxt>	[1..1]	±		834
	ServiceContent <SvcCntt>	[1..1]	CodeSet		837
	ReportTransactionRequest <RptTxReq>	[0..1]			837
	SearchCriteria <SchCrit>	[1..*]			837
	SearchOr <SchOr>	[1..*]			838
	SearchAnd <SchAnd>	[1..*]			838
	Target <Trgt>	[1..1]	Text		838
	Operator <Oprtr>	[1..1]	CodeSet		838
	Value <Val>	[1..1]	Text		839
	SearchOutputOrder <SchOutptOrdr>	[0..1]			839
	CriteriaOrder <CritOrdr>	[1..*]			839
	Target <Trgt>	[1..1]	Text		839
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		839
	BlockStart <BlckStart>	[0..1]	Quantity		840
	BlockStop <BlckStop>	[0..1]	Quantity		840
	ReportGetTotalsRequest <RptGetTtlsReq>	[0..1]			840
	TotalDetails <TtlDtls>	[0..1]	CodeSet		840
	TotalFilter <TtlFltr>	[0..1]			841

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	POIdentification <POId>	[0..1]	Text		841
	SaleIdentification <SaleId>	[0..1]	Text		841
	CashierIdentification <CshrlId>	[0..1]	Text		841
	ShiftNumber <ShftNb>	[0..1]	Text		841
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		841
	SupplementaryData <SplmtryData>	[0..*]	±	C5	842
	SecurityTrailer <SctyTrlr>	[0..1]	±		842

25.3 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 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.

C6 ValidationByTable

Must be a valid terrestrial language.

25.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

25.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		824
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		825
	ExchangeIdentification <XchgId>	[1..1]	Quantity		826
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		826
	CreationDateTime <CreDtTm>	[1..1]	DateTime		826
	InitiatingParty <InitgPty>	[1..1]	±		826
	RecipientParty <RcptPty>	[0..1]	±		826
	Traceability <Tracblt>	[0..*]	±		827

25.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

25.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

25.4.1.3 ExchangeIdentification <XchgId>*Presence:* [1..1]*Definition:* Unique identification of an exchange occurrence.*Datatype:* "Number" on page 1762**25.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>***Presence:* [0..1]*Definition:* Number of retransmissions of the message.*Datatype:* "Max3NumericText" on page 1766**25.4.1.5 CreationDateTime <CreDtTm>***Presence:* [1..1]*Definition:* Date and time at which the message was created.*Datatype:* "ISODateTime" on page 1759**25.4.1.6 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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

25.4.1.7 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

25.4.1.8 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

25.4.2 ReportRequest <RptReq>

Presence: [1..1]

Definition: Information related to the report request.

ReportRequest <RptReq> contains the following **ReportRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		828
	Context <Cntxt>	[1..1]	±		834
	ServiceContent <SvcCntt>	[1..1]	CodeSet		837
	ReportTransactionRequest <RptTxReq>	[0..1]			837
	SearchCriteria <SchCrit>	[1..*]			837
	SearchOr <SchOr>	[1..*]			838
	SearchAnd <SchAnd>	[1..*]			838
	Target <Trgt>	[1..1]	Text		838
	Operator <Oprtr>	[1..1]	CodeSet		838
	Value <Val>	[1..1]	Text		839
	SearchOutputOrder <SchOutputOrdr>	[0..1]			839
	CriteriaOrder <CritOrdr>	[1..*]			839
	Target <Trgt>	[1..1]	Text		839
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		839
	BlockStart <BlickStart>	[0..1]	Quantity		840
	BlockStop <BlickStop>	[0..1]	Quantity		840
	ReportGetTotalsRequest <RptGetTtlsReq>	[0..1]			840
	TotalDetails <TtlDtls>	[0..1]	CodeSet		840
	TotalFilter <TtlFiltr>	[0..1]			841
	POIdentification <POId>	[0..1]	Text		841
	SaleIdentification <SaleId>	[0..1]	Text		841
	CashierIdentification <CshrlId>	[0..1]	Text		841
	ShiftNumber <ShftNb>	[0..1]	Text		841
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		841
	SupplementaryData <SplmtryData>	[0..*]	±	C5	842

25.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

25.4.2.2 Context <Cntxt>

Presence: [1..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdnncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

25.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService6Code" on page 1750

CodeName	Name	Definition
RPTQ	AdministrativeReportTransactionRequest	The Sale System requests to the POI System a report on a list of transactions.
RPAQ	AdministrativeReportGetTotalsRequest	The Sale System requests to the POI System a report on the totals figures of the POI system.

25.4.2.4 ReportTransactionRequest <RptTxReq>

Presence: [0..1]

Definition: Content of the Transaction Report Request message.

ReportTransactionRequest <RptTxReq> contains the following **ReportTransactionRequest1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SearchCriteria <SchCrit>	[1..*]			837
	SearchOr <SchOr>	[1..*]			838
	SearchAnd <SchAnd>	[1..*]			838
	Target <Trgt>	[1..1]	Text		838
	Operator <Oprtr>	[1..1]	CodeSet		838
	Value <Val>	[1..1]	Text		839
	SearchOutputOrder <SchOutputOrdr>	[0..1]			839
	CriteriaOrder <CritOrdr>	[1..*]			839
	Target <Trgt>	[1..1]	Text		839
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		839
	BlockStart <BlckStart>	[0..1]	Quantity		840
	BlockStop <BlckStop>	[0..1]	Quantity		840

25.4.2.4.1 SearchCriteria <SchCrit>

Presence: [1..*]

Definition: Eligibility parameters for a transaction to be part of transaction report.

SearchCriteria <SchCrit> contains the following **SearchCriteria1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SearchOr <SchOr>	[1..*]			838
	SearchAnd <SchAnd>	[1..*]			838
	Target <Trgt>	[1..1]	Text		838
	Operator <Oprtr>	[1..1]	CodeSet		838
	Value <Val>	[1..1]	Text		839

25.4.2.4.1.1 SearchOr <SchOr>

Presence: [1..*]

Definition: List of criteria following the OR logic.

SearchOr <SchOr> contains the following **SearchOr1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SearchAnd <SchAnd>	[1..*]			838
	Target <Trgt>	[1..1]	Text		838
	Operator <Oprtr>	[1..1]	CodeSet		838
	Value <Val>	[1..1]	Text		839

25.4.2.4.1.1.1 SearchAnd <SchAnd>

Presence: [1..*]

Definition: List of criteria following the AND logic.

SearchAnd <SchAnd> contains the following **SearchAnd1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Target <Trgt>	[1..1]	Text		838
	Operator <Oprtr>	[1..1]	CodeSet		838
	Value <Val>	[1..1]	Text		839

25.4.2.4.1.1.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 1767

25.4.2.4.1.1.1.2 Operator <Oprtr>

Presence: [1..1]

Definition: Comparison operator used to evaluate matching transactions vs criteria.

Datatype: "Operator1Code" on page 1740

CodeName	Name	Definition
SMAL	SmallerThan	Smaller than.
SMEQ	SmallerOrEqualTo	Smaller or equal to.
GREA	GreaterThan	Greater than.
GREQ	GreaterOrEqualTo	Greater or equal to.
EQAL	EqualTo	Equal to.

25.4.2.4.1.1.3 Value <Val>

Presence: [1..1]

Definition: Reference value to be used when evaluating against the target element value using the criteria operator.

Datatype: "Max500Text" on page 1767

25.4.2.4.2 SearchOutputOrder <SchOutptOrdr>

Presence: [0..1]

Definition: Indicates the ordering in which the resulting transaction reports should be returned.

SearchOutputOrder <SchOutptOrdr> contains the following **SearchOutputOrder1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CriteriaOrder <CritOrdr>	[1..*]			839
	Target <Trgt>	[1..1]	Text		839

25.4.2.4.2.1 CriteriaOrder <CritOrdr>

Presence: [1..*]

Definition: Ordering criteria for the transaction report.

CriteriaOrder <CritOrdr> contains the following **CriteriaOrder1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Target <Trgt>	[1..1]	Text		839

25.4.2.4.2.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 1767

25.4.2.4.3 DescendingOrder <DscndgOrdr>

Presence: [0..1]

Definition: Indicates the order used for the criteria.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1761):

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

25.4.2.4.4 BlockStart <BlckStart>

Presence: [0..1]

Definition: Index of the first transaction matching the search criteria.

Datatype: "PositiveNumber" on page 1762

25.4.2.4.5 BlockStop <BlckStop>

Presence: [0..1]

Definition: Index of the last transaction matching the search criteria.

Datatype: "PositiveNumber" on page 1762

25.4.2.5 ReportGetTotalsRequest <RptGetTtlsReq>

Presence: [0..1]

Definition: Content of the Get Totals Request message.

ReportGetTotalsRequest <RptGetTtlsReq> contains the following **ReportGetTotalsRequest1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalDetails <TtlDtls>	[0..1]	CodeSet		840
	TotalFilter <TtlFltr>	[0..1]			841
	POIIdentification <POIID>	[0..1]	Text		841
	SaleIdentification <SaleId>	[0..1]	Text		841
	CashierIdentification <CshrlId>	[0..1]	Text		841
	ShiftNumber <ShftNb>	[0..1]	Text		841
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		841

25.4.2.5.1 TotalDetails <TtlDtls>

Presence: [0..1]

Definition: Indicates the hierarchical structure of the report.

Datatype: "TotalDetails1Code" on page 1754

CodeName	Name	Definition
OPID	PerCashierIdentification	Give the totals result per Operator Identification value.
PIID	PerPOIIdentification	Give the totals result per POI Identification value.
TGID	PerTotalsGroup	Give the totals result per Totals Group Identification value.

CodeName	Name	Definition
SNID	PerShiftNumber	Give the totals result per Shift Number Identification value.
SAID	PerSaleIdentification	Give the totals result per Sale Identification value.

25.4.2.5.2 TotalFilter <TtIFltr>

Presence: [0..1]

Definition: Filter to compute the totals.

TotalFilter <TtIFltr> contains the following **TotalFilter1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIIdentification <POIId>	[0..1]	Text		841
	SaleIdentification <SaleId>	[0..1]	Text		841
	CashierIdentification <CshrId>	[0..1]	Text		841
	ShiftNumber <ShftNb>	[0..1]	Text		841
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		841

25.4.2.5.2.1 POIIdentification <POIId>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 1766

25.4.2.5.2.2 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 1766

25.4.2.5.2.3 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 1766

25.4.2.5.2.4 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max35Text" on page 1766

25.4.2.5.2.5 TotalsGroupIdentification <TtlsGrpId>

Presence: [0..1]

Definition: Identification of a group of transaction on a POI Terminal, having the same Sale features.

Datatype: "Max35Text" on page 1766

25.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: C5 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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.

25.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

26 caaa.025.001.04 AcceptorTransactionLogReportResponseV04

26.1 MessageDefinition Functionality

This AcceptorTransactionLogReportResponse message is sent by an Acquirer or its IntermediaryAgent to provide the report previously expected by a POI.

Outline

The AcceptorTransactionLogReportResponseV04 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Set of characteristics related to the transfer of the request.
- B. ReportResponse
Information related to the response of a report request.
- C. SecurityTrailer
Trailer of the message containing a MAC or a digital signature.

26.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrTxLgRptRspn>	[1..1]			
	Header <Hdr>	[1..1]			851
	MessageFunction <MsgFctn>	[1..1]	CodeSet		851
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		853
	ExchangeIdentification <XchgId>	[1..1]	Quantity		853
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		853
	CreationDateTime <CreDtTm>	[1..1]	DateTime		853
	InitiatingParty <InitgPty>	[1..1]	±		853
	RecipientParty <RcptPty>	[0..1]	±		854
	Traceability <Tracblt>	[0..*]	±		854
	ReportResponse <RptRspn>	[1..1]			855
	Environment <Envt>	[1..1]	±		862
	Context <Cntxt>	[1..1]	±		868
	ServiceContent <SvcCntt>	[1..1]	CodeSet		871
	ReportTransactionResponse <RptTxRspn>	[0..1]			871
	ReportFullSize <RptFullSz>	[1..1]	Quantity		876
	BlockStart <BlckStart>	[1..1]	Quantity		876
	BlockStop <BlckStop>	[1..1]	Quantity		877
	TransactionReport <TxRpt>	[0..*]			877
	Environment <Envt>	[1..1]	±		882
	Context <Cntxt>	[1..1]	±		888
	ServiceContent <SvcCntt>	[1..1]	CodeSet		891
	PaymentResponse <PmtRspn>	[0..1]			891
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		892
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		893
	POITransactionIdentification <POITxId>	[1..1]	±		893
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		893
	IssuerReferenceData <IssrRefData>	[0..1]	Text		893
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		893
	PaymentReceipt <PmtRct>	[0..*]	±		896

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyResult <LtyRslt>	[0..*]			896
	Account <Acct>	[1..1]	±		897
	Amount <Amt>	[0..1]			898
	Unit <Unit>	[0..1]	CodeSet		898
	Currency <Ccy>	[0..1]	CodeSet	C1	898
	Amount <Amt>	[1..1]	Amount		898
	ServerData <SvrData>	[0..1]			898
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		899
	ApprovalCode <ApprvlCd>	[0..1]	Text		899
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		899
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		899
	Rebates <Rbts>	[0..1]			899
	TotalRebate <TtlRbt>	[0..1]	Amount		900
	RebateLabel <RbtLbl>	[0..1]	Text		900
	SaleItemRebate <SaleitmRbt>	[0..*]			900
	SaleItem <Saleitm>	[1..1]	±		900
	RebateLabel <RbtLbl>	[0..1]	Text		901
	CustomerOrder <CstmrOrd>	[0..*]	±		901
	ReversalResponse <RvsIRspn>	[0..1]			902
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		902
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		903
	POITransactionIdentification <POITxId>	[1..1]	±		903
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		903
	IssuerReferenceData <IssrRefData>	[0..1]	Text		903
	ReversalTransactionResult <RvsITxRslt>	[1..1]			903
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		904
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		904
	CustomerOrder <CstmrOrd>	[0..*]	±		909
	ReversedAmount <RvsdAmt>	[0..1]	Amount		909
	Receipt <Rct>	[0..*]	±		909
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			910

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		911
	POITransactionIdentification <POITxId>	[0..1]	±		911
	PaymentAccount <PmtAcct>	[0..1]			911
	Currency <Ccy>	[0..1]	CodeSet	C1	911
	CurrentBalance <CurBal>	[0..1]	Amount		912
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		912
	LoyaltyAccount <LltyAcct>	[0..1]	±		912
	StoredValueAccount <StordValAcct>	[0..*]			912
	AccountType <AcctTp>	[0..1]	CodeSet		913
	IdentificationType <IdTp>	[0..1]	CodeSet		914
	Identification <Id>	[0..1]	Text		914
	Brand <Brnd>	[0..1]	Text		914
	Provider <Prvdr>	[0..1]	Text		914
	OwnerName <OwnrNm>	[0..1]	Text		914
	ExpiryDate <XpryDt>	[0..1]	Text		915
	EntryMode <NtryMd>	[0..1]	CodeSet		915
	Currency <Ccy>	[0..1]	CodeSet	C1	915
	Balance <Bal>	[0..1]	Amount		916
	Receipt <Rct>	[0..*]	±		916
	LoyaltyResponse <LltyRspn>	[0..1]			916
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		917
	POITransactionIdentification <POITxId>	[1..1]	±		917
	POIReconciliationIdentification <POIRcnccltnId>	[0..1]	Text		918
	Result <Rslt>	[0..*]			918
	Account <Acct>	[1..1]	±		918
	Amount <Amt>	[0..1]			919
	Unit <Unit>	[0..1]	CodeSet		919
	Currency <Ccy>	[0..1]	CodeSet	C1	919
	Amount <Amt>	[1..1]	Amount		920
	ServerData <SvrData>	[0..1]			920
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		920

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ApprovalCode <ApprvlCd>	[0..1]	Text		920
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		920
	HostReconciliationIdentification <HstRcnclnld>	[0..1]	Text		921
	Rebates <Rbts>	[0..1]			921
	TotalRebate <TtlRbt>	[0..1]	Amount		921
	RebateLabel <RbtLabl>	[0..1]	Text		921
	SaleItemRebate <SaleitmRbt>	[0..*]			921
	SaleItem <Saleitm>	[1..1]	±		922
	RebateLabel <RbtLabl>	[0..1]	Text		922
	StoredValueResponse <StordValRspn>	[0..1]			922
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		923
	POITransactionIdentification <POITxld>	[1..1]	±		924
	Result <Rslt>	[0..*]			924
	Provider <Prvdr>	[0..1]	Text		925
	TransactionType <TxTp>	[1..1]	CodeSet		925
	AccountIdentification <Acctld>	[0..1]			926
	AccountType <AcctTp>	[0..1]	CodeSet		926
	IdentificationType <IdTp>	[0..1]	CodeSet		927
	Identification <Id>	[0..1]	Text		927
	Brand <Brnd>	[0..1]	Text		928
	Provider <Prvdr>	[0..1]	Text		928
	OwnerName <OwnrNm>	[0..1]	Text		928
	ExpiryDate <XpryDt>	[0..1]	Text		928
	EntryMode <NtryMd>	[0..1]	CodeSet		928
	Currency <Ccy>	[0..1]	CodeSet	C1	929
	Balance <Bal>	[0..1]	Amount		929
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		929
	ProductCode <PdctCd>	[0..1]	Text		934
	EANUPC <EANUPC>	[0..1]	Text		934
	ItemAmount <ItmAmt>	[0..1]	Amount		934
	Currency <Ccy>	[0..1]	CodeSet	C1	934

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	HostTransactionIdentification <HstTxId>	[0..1]	±		935
	Receipt <Rct>	[0..*]	±		935
	BatchResponse <BtchRspn>	[0..1]			935
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		936
	POIBatchIdentification <POIBtchId>	[0..1]	±		937
	PerformedTransaction <PrfrmdTx>	[0..*]			937
	Response <Rspn>	[1..1]	±		938
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		939
	POITransactionIdentification <POITxId>	[0..1]	±		939
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		939
	PaymentResult <PmtRslt>	[0..1]	±		939
	LoyaltyResult <LtyRslt>	[0..*]			942
	Account <Acct>	[1..1]	±		943
	Amount <Amt>	[0..1]			944
	Unit <Unit>	[0..1]	CodeSet		944
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	Amount <Amt>	[1..1]	Amount		944
	ServerData <SvrData>	[0..1]			944
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		945
	ApprovalCode <ApprvlCd>	[0..1]	Text		945
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		945
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		945
	Rebates <Rbts>	[0..1]			945
	TotalRebate <TtlRbt>	[0..1]	Amount		946
	RebateLabel <RbtLbl>	[0..1]	Text		946
	SaleItemRebate <SaleItmRbt>	[0..*]			946
	SaleItem <SaleItm>	[1..1]	±		946
	RebateLabel <RbtLbl>	[0..1]	Text		947
	ReversedAmount <RvsdAmt>	[0..1]	Amount		947
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			947
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		948

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	POITransactionIdentification <POITxId>	[1..1]	±		948
	PaymentBrand <PmtBrnd>	[0..*]	Text		948
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C7	948
	LoyaltyAccount <LtyAcct>	[0..*]	±		949
	CustomerOrder <CstmrOrd>	[0..*]	±		949
	Response <Rspn>	[1..1]	±		950
	SupplementaryData <SplmtryData>	[0..*]	±	C6	950
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			951
	POIReconciliationIdentification <POIRcncltnId>	[1..1]	Text		953
	TransactionTotalsSet <TxTtlsSet>	[0..*]			953
	PaymentInstrumentType <PmtInstmTp>	[1..1]	CodeSet		955
	AcquirerIdentification <AcqrrId>	[0..1]	Text		955
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		955
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		955
	Brand <Brnd>	[0..1]	Text		955
	POIIdentification <POIId>	[0..1]	Text		955
	SaleIdentification <SaleId>	[0..1]	Text		956
	CashierIdentification <CshrlId>	[0..1]	Text		956
	ShiftNumber <ShftNb>	[0..1]	Text		956
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			956
	CommonName <CmonNm>	[1..1]	Text		956
	Address <Adr>	[0..1]	Text		956
	CountryCode <CtryCd>	[1..1]	CodeSet		956
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		957
	RegisteredIdentifier <RegIdId>	[1..1]	Text		957
	TransactionTotal <TxTtl>	[1..1]			957
	POIGroupIdentification <POIGrpId>	[0..1]	Text		957
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		957
	Currency <Ccy>	[0..1]	CodeSet	C1	957
	Type <Tp>	[1..1]	CodeSet		958
	TotalNumber <TtlNb>	[1..1]	Quantity		958

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		958
	DetailedAmount <DtldAmt>	[0..1]	±		958
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			959
	POIGroupIdentification <POIGrpld>	[0..1]	Text		959
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		959
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		960
	Currency <Ccy>	[0..1]	CodeSet	C1	960
	TransactionType <TxTp>	[1..1]	CodeSet		960
	TotalNumber <TtlNb>	[1..1]	Quantity		960
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		961
	DetailedAmount <DtldAmt>	[0..1]	±		961
	Response <Rspn>	[1..1]	±		961
	SupplementaryData <SplmtryData>	[0..*]	±	C6	961
	SecurityTrailer <SctyTrlr>	[0..1]	±		962

26.3 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 CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

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.

26.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

26.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		851
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		853
	ExchangeIdentification <XchgId>	[1..1]	Quantity		853
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		853
	CreationDateTime <CreDtTm>	[1..1]	DateTime		853
	InitiatingParty <InitgPty>	[1..1]	±		853
	RecipientParty <RcptPty>	[0..1]	±		854
	Traceability <Tracblt>	[0..*]	±		854

26.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1736

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.

CodeName	Name	Definition
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

26.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1767

26.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1762

26.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1766

26.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 1759

26.4.1.6 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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

26.4.1.7 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

26.4.1.8 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

26.4.2 ReportResponse <RptRspn>

Presence: [1..1]

Definition: Information related to the response of a report request.

ReportResponse <RptRspn> contains the following **ReportResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		862
	Context <Cntxt>	[1..1]	±		868
	ServiceContent <SvcCntt>	[1..1]	CodeSet		871
	ReportTransactionResponse <RptTxRspn>	[0..1]			871
	ReportFullSize <RptFullSz>	[1..1]	Quantity		876
	BlockStart <BlckStart>	[1..1]	Quantity		876
	BlockStop <BlckStop>	[1..1]	Quantity		877
	TransactionReport <TxRpt>	[0..*]			877
	Environment <Envt>	[1..1]	±		882
	Context <Cntxt>	[1..1]	±		888
	ServiceContent <SvcCntt>	[1..1]	CodeSet		891
	PaymentResponse <PmtRspn>	[0..1]			891
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		892
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		893
	POITransactionIdentification <POITxId>	[1..1]	±		893
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		893
	IssuerReferenceData <IssrRefData>	[0..1]	Text		893
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		893
	PaymentReceipt <PmtRct>	[0..*]	±		896
	LoyaltyResult <LltyRslt>	[0..*]			896
	Account <Acct>	[1..1]	±		897
	Amount <Amt>	[0..1]			898
	Unit <Unit>	[0..1]	CodeSet		898
	Currency <Ccy>	[0..1]	CodeSet	C1	898
	Amount <Amt>	[1..1]	Amount		898
	ServerData <SvrData>	[0..1]			898
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		899
	ApprovalCode <ApprvlCd>	[0..1]	Text		899
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		899
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		899
	Rebates <Rbts>	[0..1]			899

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalRebate <TtlRbt>	[0..1]	Amount		900
	RebateLabel <RbtLbl>	[0..1]	Text		900
	SaleItemRebate <SaleitmRbt>	[0..*]			900
	SaleItem <Saleitm>	[1..1]	±		900
	RebateLabel <RbtLbl>	[0..1]	Text		901
	CustomerOrder <CstmrOrd>	[0..*]	±		901
	ReversalResponse <RvslRspn>	[0..1]			902
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		902
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		903
	POITransactionIdentification <POITxId>	[1..1]	±		903
	POIReconciliationIdentification <POIRcnclnId>	[0..1]	Text		903
	IssuerReferenceData <IssrRefData>	[0..1]	Text		903
	ReversalTransactionResult <RvslTxRslt>	[1..1]			903
	POIReconciliationIdentification <POIRcnclnId>	[0..1]	Text		904
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		904
	CustomerOrder <CstmrOrd>	[0..*]	±		909
	ReversedAmount <RvsdAmt>	[0..1]	Amount		909
	Receipt <Rct>	[0..*]	±		909
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			910
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		911
	POITransactionIdentification <POITxId>	[0..1]	±		911
	PaymentAccount <PmtAcct>	[0..1]			911
	Currency <Ccy>	[0..1]	CodeSet	C1	911
	CurrentBalance <CurBal>	[0..1]	Amount		912
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		912
	LoyaltyAccount <LltyAcct>	[0..1]	±		912
	StoredValueAccount <StordValAcct>	[0..*]			912
	AccountType <AcctTp>	[0..1]	CodeSet		913
	IdentificationType <IdTp>	[0..1]	CodeSet		914
	Identification <Id>	[0..1]	Text		914
	Brand <Brnd>	[0..1]	Text		914

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		914
	OwnerName <OwnrNm>	[0..1]	Text		914
	ExpiryDate <XpryDt>	[0..1]	Text		915
	EntryMode <NtryMd>	[0..1]	CodeSet		915
	Currency <Ccy>	[0..1]	CodeSet	C1	915
	Balance <Bal>	[0..1]	Amount		916
	Receipt <Rct>	[0..*]	±		916
	LoyaltyResponse <LltyRspn>	[0..1]			916
	SaleTransactionIdentification <SaleTxld>	[1..1]	±		917
	POITransactionIdentification <POITxld>	[1..1]	±		917
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		918
	Result <Rslt>	[0..*]			918
	Account <Acct>	[1..1]	±		918
	Amount <Amt>	[0..1]			919
	Unit <Unit>	[0..1]	CodeSet		919
	Currency <Ccy>	[0..1]	CodeSet	C1	919
	Amount <Amt>	[1..1]	Amount		920
	ServerData <SvrData>	[0..1]			920
	LoyaltyServerIdentification <LltySvrld>	[0..1]	Text		920
	ApprovalCode <AprvlCd>	[0..1]	Text		920
	LoyaltyTransactionIdentification <LltyTxld>	[0..1]	±		920
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		921
	Rebates <Rbts>	[0..1]			921
	TotalRebate <TtlRbt>	[0..1]	Amount		921
	RebateLabel <RbtLbl>	[0..1]	Text		921
	SaleItemRebate <SaleitmRbt>	[0..*]			921
	SaleItem <Saleitm>	[1..1]	±		922
	RebateLabel <RbtLbl>	[0..1]	Text		922
	StoredValueResponse <StordValRspn>	[0..1]			922
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		923
	POITransactionIdentification <POITxld>	[1..1]	±		924

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..*]			924
	Provider <Prvdr>	[0..1]	Text		925
	TransactionType <TxTp>	[1..1]	CodeSet		925
	AccountIdentification <AcctId>	[0..1]			926
	AccountType <AcctTp>	[0..1]	CodeSet		926
	IdentificationType <IdTp>	[0..1]	CodeSet		927
	Identification <Id>	[0..1]	Text		927
	Brand <Brnd>	[0..1]	Text		928
	Provider <Prvdr>	[0..1]	Text		928
	OwnerName <OwnrNm>	[0..1]	Text		928
	ExpiryDate <XpryDt>	[0..1]	Text		928
	EntryMode <NtryMd>	[0..1]	CodeSet		928
	Currency <Ccy>	[0..1]	CodeSet	C1	929
	Balance <Bal>	[0..1]	Amount		929
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		929
	ProductCode <PdctCd>	[0..1]	Text		934
	EANUPC <EANUPC>	[0..1]	Text		934
	ItemAmount <ItmAmt>	[0..1]	Amount		934
	Currency <Ccy>	[0..1]	CodeSet	C1	934
	HostTransactionIdentification <HstTxId>	[0..1]	±		935
	Receipt <Rct>	[0..*]	±		935
	BatchResponse <BtchRspn>	[0..1]			935
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		936
	POIBatchIdentification <POIBtchId>	[0..1]	±		937
	PerformedTransaction <PrfrmdTx>	[0..*]			937
	Response <Rspn>	[1..1]	±		938
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		939
	POITransactionIdentification <POITxId>	[0..1]	±		939
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		939
	PaymentResult <PmtRslt>	[0..1]	±		939
	LoyaltyResult <LltyRslt>	[0..*]			942

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		943
	Amount <Amt>	[0..1]			944
	Unit <Unit>	[0..1]	CodeSet		944
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	Amount <Amt>	[1..1]	Amount		944
	ServerData <SvrData>	[0..1]			944
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		945
	ApprovalCode <ApprvlCd>	[0..1]	Text		945
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		945
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		945
	Rebates <Rbts>	[0..1]			945
	TotalRebate <TtlRbt>	[0..1]	Amount		946
	RebateLabel <RbtLbl>	[0..1]	Text		946
	SaleItemRebate <SaleitmRbt>	[0..*]			946
	SaleItem <Saleitm>	[1..1]	±		946
	RebateLabel <RbtLbl>	[0..1]	Text		947
	ReversedAmount <RvsdAmt>	[0..1]	Amount		947
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			947
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		948
	POITransactionIdentification <POITxId>	[1..1]	±		948
	PaymentBrand <PmtBrnd>	[0..*]	Text		948
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C7	948
	LoyaltyAccount <LtyAcct>	[0..*]	±		949
	CustomerOrder <CstmrOrd>	[0..*]	±		949
	Response <Rspn>	[1..1]	±		950
	SupplementaryData <SplmtryData>	[0..*]	±	C6	950
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			951
	POIReconciliationIdentification <POIRcncltnId>	[1..1]	Text		953
	TransactionTotalsSet <TxTtlsSet>	[0..*]			953
	PaymentInstrumentType <PmtlnstrmTp>	[1..1]	CodeSet		955
	AcquirerIdentification <AcqrrId>	[0..1]	Text		955

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		955
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		955
	Brand <Brnd>	[0..1]	Text		955
	POIIdentification <POIId>	[0..1]	Text		955
	SaleIdentification <SaleId>	[0..1]	Text		956
	CashierIdentification <CshrlId>	[0..1]	Text		956
	ShiftNumber <ShftNb>	[0..1]	Text		956
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			956
	CommonName <CmonNm>	[1..1]	Text		956
	Address <Adr>	[0..1]	Text		956
	CountryCode <CtryCd>	[1..1]	CodeSet		956
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		957
	RegisteredIdentifier <Regdldr>	[1..1]	Text		957
	TransactionTotal <TxTtl>	[1..1]			957
	POIGroupIdentification <POIGrpId>	[0..1]	Text		957
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		957
	Currency <Ccy>	[0..1]	CodeSet	C1	957
	Type <Tp>	[1..1]	CodeSet		958
	TotalNumber <TtlNb>	[1..1]	Quantity		958
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		958
	DetailedAmount <DtldAmt>	[0..1]	±		958
	LoyaltyTransactionTotal <LLtyTxTtl>	[0..*]			959
	POIGroupIdentification <POIGrpId>	[0..1]	Text		959
	LoyaltyUnit <LLtyUnit>	[0..1]	CodeSet		959
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		960
	Currency <Ccy>	[0..1]	CodeSet	C1	960
	TransactionType <TxTp>	[1..1]	CodeSet		960
	TotalNumber <TtlNb>	[1..1]	Quantity		960
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		961
	DetailedAmount <DtldAmt>	[0..1]	±		961
	Response <Rspn>	[1..1]	±		961

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SupplementaryData <SplmtryData>	[0..*]	±	C6	961

26.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

26.4.2.2 Context <Cntxt>

Presence: [1..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrlId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

26.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService7Code" on page 1751

CodeName	Name	Definition
RPTP	AdministrativeReportTransactionResponse	The POI System responds to a transaction report request.
RPAP	AdministrativeReportGetTotalsResponse	The POI System responds to a totals figures request.

26.4.2.4 ReportTransactionResponse <RptTxRspn>

Presence: [0..1]

Definition: Content of the Transaction Report Response message.

ReportTransactionResponse <RptTxRspn> contains the following **ReportTransactionResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportFullSize <RptFullSz>	[1..1]	Quantity		876
	BlockStart <BlckStart>	[1..1]	Quantity		876
	BlockStop <BlckStop>	[1..1]	Quantity		877
	TransactionReport <TxRpt>	[0..*]			877
	Environment <Envt>	[1..1]	±		882
	Context <Cntxt>	[1..1]	±		888
	ServiceContent <SvcCntt>	[1..1]	CodeSet		891
	PaymentResponse <PmtRspn>	[0..1]			891
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		892
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		893
	POITransactionIdentification <POITxId>	[1..1]	±		893
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		893
	IssuerReferenceData <IssrRefData>	[0..1]	Text		893
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		893
	PaymentReceipt <PmtRct>	[0..*]	±		896
	LoyaltyResult <LltyRslt>	[0..*]			896
	Account <Acct>	[1..1]	±		897
	Amount <Amt>	[0..1]			898
	Unit <Unit>	[0..1]	CodeSet		898
	Currency <Ccy>	[0..1]	CodeSet	C1	898
	Amount <Amt>	[1..1]	Amount		898
	ServerData <SvrData>	[0..1]			898
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		899
	ApprovalCode <ApprvlCd>	[0..1]	Text		899
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		899
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		899
	Rebates <Rbts>	[0..1]			899
	TotalRebate <TtlRbt>	[0..1]	Amount		900
	RebateLabel <RbtLabl>	[0..1]	Text		900
	SaleItemRebate <SaleItmRbt>	[0..*]			900

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		900
	RebateLabel <RbtLbl>	[0..1]	Text		901
	CustomerOrder <CstmrOrd>	[0..*]	±		901
	ReversalResponse <RvsIRspn>	[0..1]			902
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		902
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		903
	POITransactionIdentification <POITxId>	[1..1]	±		903
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		903
	IssuerReferenceData <IssrRefData>	[0..1]	Text		903
	ReversalTransactionResult <RvsITxRslt>	[1..1]			903
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		904
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		904
	CustomerOrder <CstmrOrd>	[0..*]	±		909
	ReversedAmount <RvsdAmt>	[0..1]	Amount		909
	Receipt <Rct>	[0..*]	±		909
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			910
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		911
	POITransactionIdentification <POITxId>	[0..1]	±		911
	PaymentAccount <PmtAcct>	[0..1]			911
	Currency <Ccy>	[0..1]	CodeSet	C1	911
	CurrentBalance <CurBal>	[0..1]	Amount		912
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		912
	LoyaltyAccount <LltyAcct>	[0..1]	±		912
	StoredValueAccount <StordValAcct>	[0..*]			912
	AccountType <AcctTp>	[0..1]	CodeSet		913
	IdentificationType <IdTp>	[0..1]	CodeSet		914
	Identification <Id>	[0..1]	Text		914
	Brand <Brnd>	[0..1]	Text		914
	Provider <Prvdr>	[0..1]	Text		914
	OwnerName <OwnrNm>	[0..1]	Text		914
	ExpiryDate <XpryDt>	[0..1]	Text		915

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		915
	Currency <Ccy>	[0..1]	CodeSet	C1	915
	Balance <Bal>	[0..1]	Amount		916
	Receipt <Rct>	[0..*]	±		916
	LoyaltyResponse <LtyRspn>	[0..1]			916
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		917
	POITransactionIdentification <POITxId>	[1..1]	±		917
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		918
	Result <RsIt>	[0..*]			918
	Account <Acct>	[1..1]	±		918
	Amount <Amt>	[0..1]			919
	Unit <Unit>	[0..1]	CodeSet		919
	Currency <Ccy>	[0..1]	CodeSet	C1	919
	Amount <Amt>	[1..1]	Amount		920
	ServerData <SvrData>	[0..1]			920
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		920
	ApprovalCode <ApprvlCd>	[0..1]	Text		920
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		920
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		921
	Rebates <Rbts>	[0..1]			921
	TotalRebate <TtlRbt>	[0..1]	Amount		921
	RebateLabel <RbtLbl>	[0..1]	Text		921
	SaleItemRebate <SaleitmRbt>	[0..*]			921
	SaleItem <Saleitm>	[1..1]	±		922
	RebateLabel <RbtLbl>	[0..1]	Text		922
	StoredValueResponse <StordValRspn>	[0..1]			922
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		923
	POITransactionIdentification <POITxId>	[1..1]	±		924
	Result <RsIt>	[0..*]			924
	Provider <Prvdr>	[0..1]	Text		925
	TransactionType <TxTp>	[1..1]	CodeSet		925

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountIdentification <AcctId>	[0..1]			926
	AccountType <AcctTp>	[0..1]	CodeSet		926
	IdentificationType <IdTp>	[0..1]	CodeSet		927
	Identification <Id>	[0..1]	Text		927
	Brand <Brnd>	[0..1]	Text		928
	Provider <Prvdr>	[0..1]	Text		928
	OwnerName <OwnrNm>	[0..1]	Text		928
	ExpiryDate <XpryDt>	[0..1]	Text		928
	EntryMode <NtryMd>	[0..1]	CodeSet		928
	Currency <Ccy>	[0..1]	CodeSet	C1	929
	Balance <Bal>	[0..1]	Amount		929
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		929
	ProductCode <PdctCd>	[0..1]	Text		934
	EANUPC <EANUPC>	[0..1]	Text		934
	ItemAmount <ItmAmt>	[0..1]	Amount		934
	Currency <Ccy>	[0..1]	CodeSet	C1	934
	HostTransactionIdentification <HstTxId>	[0..1]	±		935
	Receipt <Rct>	[0..*]	±		935
	BatchResponse <BtchRspn>	[0..1]			935
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		936
	POIBatchIdentification <POIBtchId>	[0..1]	±		937
	PerformedTransaction <PrfrmdTx>	[0..*]			937
	Response <Rspn>	[1..1]	±		938
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		939
	POITransactionIdentification <POITxId>	[0..1]	±		939
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		939
	PaymentResult <PmtRslt>	[0..1]	±		939
	LoyaltyResult <LltyRslt>	[0..*]			942
	Account <Acct>	[1..1]	±		943
	Amount <Amt>	[0..1]			944
	Unit <Unit>	[0..1]	CodeSet		944

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	Amount <Amt>	[1..1]	Amount		944
	ServerData <SvrData>	[0..1]			944
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		945
	ApprovalCode <ApprvlCd>	[0..1]	Text		945
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		945
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		945
	Rebates <Rbts>	[0..1]			945
	TotalRebate <TtlRbt>	[0..1]	Amount		946
	RebateLabel <RbtLbl>	[0..1]	Text		946
	SaleItemRebate <SaleitmRbt>	[0..*]			946
	SaleItem <Saleitm>	[1..1]	±		946
	RebateLabel <RbtLbl>	[0..1]	Text		947
	ReversedAmount <RvsdAmt>	[0..1]	Amount		947
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			947
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		948
	POITransactionIdentification <POITxId>	[1..1]	±		948
	PaymentBrand <PmtBrnd>	[0..*]	Text		948
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C7	948
	LoyaltyAccount <LtyAcct>	[0..*]	±		949
	CustomerOrder <CstmrOrd>	[0..*]	±		949
	Response <Rspn>	[1..1]	±		950
	SupplementaryData <SplmtryData>	[0..*]	±	C6	950

26.4.2.4.1 ReportFullSize <RptFullSz>

Presence: [1..1]

Definition: Specifies the total number of transactions matching the search criteria.

Datatype: "PositiveNumber" on page 1762

26.4.2.4.2 BlockStart <BlckStart>

Presence: [1..1]

Definition: Index of the first transaction reported in this message within the list of transactions matching the search criteria.

Datatype: "PositiveNumber" on page 1762

26.4.2.4.3 BlockStop <BlckStop>

Presence: [1..1]

Definition: Index of the last transaction reported in this message.

Datatype: "PositiveNumber" on page 1762

26.4.2.4.4 TransactionReport <TxRpt>

Presence: [0..*]

Definition: List of Transaction Report containing one Transaction Report for each transaction matching the Search criteria. This list may be partial according to requested block.

TransactionReport <TxRpt> contains the following **ServiceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		882
	Context <Cntxt>	[1..1]	±		888
	ServiceContent <SvcCntt>	[1..1]	CodeSet		891
	PaymentResponse <PmtRspn>	[0..1]			891
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		892
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		893
	POITransactionIdentification <POITxId>	[1..1]	±		893
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		893
	IssuerReferenceData <IssrRefData>	[0..1]	Text		893
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		893
	PaymentReceipt <PmtRct>	[0..*]	±		896
	LoyaltyResult <LtyRslt>	[0..*]			896
	Account <Acct>	[1..1]	±		897
	Amount <Amt>	[0..1]			898
	Unit <Unit>	[0..1]	CodeSet		898
	Currency <Ccy>	[0..1]	CodeSet	C1	898
	Amount <Amt>	[1..1]	Amount		898
	ServerData <SvrData>	[0..1]			898
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		899
	ApprovalCode <ApprvlCd>	[0..1]	Text		899
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		899
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		899
	Rebates <Rbts>	[0..1]			899
	TotalRebate <TtlRbt>	[0..1]	Amount		900
	RebateLabel <RbtLabl>	[0..1]	Text		900
	SaleItemRebate <SaleItmRbt>	[0..*]			900
	SaleItem <SaleItm>	[1..1]	±		900
	RebateLabel <RbtLabl>	[0..1]	Text		901
	CustomerOrder <CstmrOrd>	[0..*]	±		901
	ReversalResponse <RvslRspn>	[0..1]			902
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		902

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		903
	POITransactionIdentification <POITxId>	[1..1]	±		903
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		903
	IssuerReferenceData <IssrRefData>	[0..1]	Text		903
	ReversalTransactionResult <RvsITxRsIt>	[1..1]			903
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		904
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		904
	CustomerOrder <CstmrOrd>	[0..*]	±		909
	ReversedAmount <RvsdAmt>	[0..1]	Amount		909
	Receipt <Rct>	[0..*]	±		909
	BalanceInquiryResponse <BalInqryRspn>	[0..1]			910
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		911
	POITransactionIdentification <POITxId>	[0..1]	±		911
	PaymentAccount <PmtAcct>	[0..1]			911
	Currency <Ccy>	[0..1]	CodeSet	C1	911
	CurrentBalance <CurBal>	[0..1]	Amount		912
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		912
	LoyaltyAccount <LltyAcct>	[0..1]	±		912
	StoredValueAccount <StordValAcct>	[0..*]			912
	AccountType <AcctTp>	[0..1]	CodeSet		913
	IdentificationType <IdTp>	[0..1]	CodeSet		914
	Identification <Id>	[0..1]	Text		914
	Brand <Brnd>	[0..1]	Text		914
	Provider <Prvdr>	[0..1]	Text		914
	OwnerName <OwnrNm>	[0..1]	Text		914
	ExpiryDate <XpryDt>	[0..1]	Text		915
	EntryMode <NtryMd>	[0..1]	CodeSet		915
	Currency <Ccy>	[0..1]	CodeSet	C1	915
	Balance <Bal>	[0..1]	Amount		916
	Receipt <Rct>	[0..*]	±		916
	LoyaltyResponse <LltyRspn>	[0..1]			916

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		917
	POITransactionIdentification <POITxId>	[1..1]	±		917
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		918
	Result <Rslt>	[0..*]			918
	Account <Acct>	[1..1]	±		918
	Amount <Amt>	[0..1]			919
	Unit <Unit>	[0..1]	CodeSet		919
	Currency <Ccy>	[0..1]	CodeSet	C1	919
	Amount <Amt>	[1..1]	Amount		920
	ServerData <SvrData>	[0..1]			920
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		920
	ApprovalCode <ApprvlCd>	[0..1]	Text		920
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		920
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		921
	Rebates <Rbts>	[0..1]			921
	TotalRebate <TtlRbt>	[0..1]	Amount		921
	RebateLabel <RbtLbl>	[0..1]	Text		921
	SaleItemRebate <SaleitmRbt>	[0..*]			921
	SaleItem <Saleitm>	[1..1]	±		922
	RebateLabel <RbtLbl>	[0..1]	Text		922
	StoredValueResponse <StordValRspn>	[0..1]			922
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		923
	POITransactionIdentification <POITxId>	[1..1]	±		924
	Result <Rslt>	[0..*]			924
	Provider <Prvdr>	[0..1]	Text		925
	TransactionType <TxTp>	[1..1]	CodeSet		925
	AccountIdentification <AcctId>	[0..1]			926
	AccountType <AcctTp>	[0..1]	CodeSet		926
	IdentificationType <IdTp>	[0..1]	CodeSet		927
	Identification <Id>	[0..1]	Text		927
	Brand <Brnd>	[0..1]	Text		928

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		928
	OwnerName <OwnrNm>	[0..1]	Text		928
	ExpiryDate <XpryDt>	[0..1]	Text		928
	EntryMode <NtryMd>	[0..1]	CodeSet		928
	Currency <Ccy>	[0..1]	CodeSet	C1	929
	Balance <Bal>	[0..1]	Amount		929
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		929
	ProductCode <PdctCd>	[0..1]	Text		934
	EANUPC <EANUPC>	[0..1]	Text		934
	ItemAmount <ItmAmt>	[0..1]	Amount		934
	Currency <Ccy>	[0..1]	CodeSet	C1	934
	HostTransactionIdentification <HstTxId>	[0..1]	±		935
	Receipt <Rct>	[0..*]	±		935
	BatchResponse <BtchRspn>	[0..1]			935
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		936
	POIBatchIdentification <POIBtchId>	[0..1]	±		937
	PerformedTransaction <PrfrmdTx>	[0..*]			937
	Response <Rspn>	[1..1]	±		938
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		939
	POITransactionIdentification <POITxId>	[0..1]	±		939
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		939
	PaymentResult <PmtRslt>	[0..1]	±		939
	LoyaltyResult <LltyRslt>	[0..*]			942
	Account <Acct>	[1..1]	±		943
	Amount <Amt>	[0..1]			944
	Unit <Unit>	[0..1]	CodeSet		944
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	Amount <Amt>	[1..1]	Amount		944
	ServerData <SvrData>	[0..1]			944
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		945
	ApprovalCode <ApprvlCd>	[0..1]	Text		945

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		945
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		945
	Rebates <Rbts>	[0..1]			945
	TotalRebate <TtlRbt>	[0..1]	Amount		946
	RebateLabel <RbtLbl>	[0..1]	Text		946
	SaleItemRebate <SaleitmRbt>	[0..*]			946
	SaleItem <Saleitm>	[1..1]	±		946
	RebateLabel <RbtLbl>	[0..1]	Text		947
	ReversedAmount <RvsdAmt>	[0..1]	Amount		947
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			947
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		948
	POITransactionIdentification <POITxId>	[1..1]	±		948
	PaymentBrand <PmtBrnd>	[0..*]	Text		948
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C7	948
	LoyaltyAccount <LtyAcct>	[0..*]	±		949
	CustomerOrder <CstmrOrdr>	[0..*]	±		949
	Response <Rspn>	[1..1]	±		950
	SupplementaryData <SplmtryData>	[0..*]	±	C6	950

26.4.2.4.4.1 Environment <Envt>*Presence:* [1..1]*Definition:* Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

26.4.2.4.4.2 Context <Cntxt>*Presence:* [1..1]*Definition:* Context in which the transaction is performed (payment and sale).

Context <Cntxt> contains the following elements (see "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

26.4.2.4.4.3 ServiceContent <SvcCntt>*Presence:* [1..1]*Definition:* Define the type of service response.*Datatype:* "RetailerService3Code" on page 1750

CodeName	Name	Definition
FSPP	FinancialPaymentResponse	The POI System sends a response to a payment request (Purchase/refund/PWCB/MOTO Payment/...).
FSRP	FinancialReversalResponse	The POI System sends a response to a reversal request.
FSIP	FinancialBalanceInquiryResponse	The POI System sends a response to a Balance Inquiry request.
FSBP	FinancialBatchResponse	The POI System sends a response to a batch processing request.
FSLP	FinancialLoyaltyResponse	The POI System sends a response to a loyalty processing request.
FSVP	FinancialStoredValueResponse	The POI System sends a response to a stored value card or account request.
FSEP	FinancialEnableServiceResponse	The POI System sends a response after enabling or not some service.
FSAP	FinancialCardAcquisitionResponse	The POI System sends a response to a card data acquisition request.
FSCP	FinancialReconciliationResponse	The POI System sends a response to a reconciliation request.

26.4.2.4.4.4 PaymentResponse <PmtRspn>*Presence:* [0..1]*Definition:* Data to respond to a Payment request.

PaymentResponse <PmtRspn> contains the following **PaymentResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		892
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		893
	POITransactionIdentification <POITxId>	[1..1]	±		893
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		893
	IssuerReferenceData <IssrRefData>	[0..1]	Text		893
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		893
	PaymentReceipt <PmtRct>	[0..*]	±		896
	LoyaltyResult <LltyRslt>	[0..*]			896
	Account <Acct>	[1..1]	±		897
	Amount <Amt>	[0..1]			898
	Unit <Unit>	[0..1]	CodeSet		898
	Currency <Ccy>	[0..1]	CodeSet	C1	898
	Amount <Amt>	[1..1]	Amount		898
	ServerData <SvrData>	[0..1]			898
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		899
	ApprovalCode <ApprvlCd>	[0..1]	Text		899
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		899
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		899
	Rebates <Rbts>	[0..1]			899
	TotalRebate <TtlRbt>	[0..1]	Amount		900
	RebateLabel <RbtLbl>	[0..1]	Text		900
	SaleItemRebate <SaleitmRbt>	[0..*]			900
	SaleItem <Saleitm>	[1..1]	±		900
	RebateLabel <RbtLbl>	[0..1]	Text		901
	CustomerOrder <CstmrOrd>	[0..*]	±		901

26.4.2.4.4.1 SaleTransactionIdentification <SaleTxId>

Presence: [1..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.4.2 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

26.4.2.4.4.4.3 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: POI identification of the transaction in an unambiguous way.

POITransactionIdentification <POITxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.4.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.4.5 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 1764

26.4.2.4.4.4.6 RetailerPaymentResult <RtlrPmtRslt>

Presence: [1..1]

Definition: Data related to the result of a processed payment transaction.

RetailerPaymentResult <RtlrPmtRslt> contains the following elements (see "RetailerPaymentResult6" on page 1455 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1458
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1459
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1460
	RequestedTransaction <ReqdTxx>	[0..1]	±		1460
	TransactionResponse <TxRspn>	[0..1]			1465
	AuthorisationResult <AuthstnRslt>	[1..1]			1468
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1468
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1469
	Response <Rspn>	[1..1]	CodeSet		1469
	ResponseReason <RspnRsn>	[0..1]	Text		1469
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1469
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1469
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1469
	TMSTrigger <TMSTrggr>	[0..1]			1470
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1470
	TMSIdentification <TMSId>	[0..1]	Text		1470
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1470
	AllowedProductCode <AllwdPdctCd>	[0..*]			1470
	ProductCode <PdctCd>	[1..1]	Text		1471
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1471
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1471
	ProductCode <PdctCd>	[1..1]	Text		1471
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1471
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1471
	ProductCode <PdctCd>	[1..1]	Text		1472
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1472
	AmountLimit <AmtLmt>	[0..1]	Amount		1472
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1472
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1472
	Balance <Bal>	[0..1]	±		1474

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedBalance <PrtctdBal>	[0..1]	±		1474
	Action <Actn>	[0..*]			1475
	ActionType <ActnTp>	[1..1]	CodeSet		1475
	MessageToPresent <MsgToPres>	[0..1]	±		1476
	RemoteAccess <RmotAccs>	[0..1]	±		1477
	Retry <Rtry>	[0..1]	±		1477
	TimeCondition <TmCond>	[0..1]	±		1477
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1478
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1480
	TargetCurrency <TrgtCcy>	[1..1]			1480
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1480
	NumericCode <NmrcCd>	[1..1]	Text		1480
	Decimal <Dcml>	[1..1]	Quantity		1480
	Name <Nm>	[0..1]	Text		1481
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1481
	ExchangeRate <XchgRate>	[1..1]	Rate		1481
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1481
	QuotationDate <QtnDt>	[0..1]	DateTime		1481
	ValidFrom <VldFr>	[0..1]	DateTime		1481
	ValidUntil <VldUntil>	[0..1]	DateTime		1481
	SourceCurrency <SrcCcy>	[1..1]			1481
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1482
	NumericCode <NmrcCd>	[0..1]	Text		1482
	Decimal <Dcml>	[0..1]	Quantity		1482
	Name <Nm>	[0..1]	Text		1482
	ApplicableBinRange <AplblBinRg>	[0..*]			1482
	LowerBin <LwrBin>	[1..1]	Text		1483
	HigherBin <HghrBin>	[1..1]	Text		1483
	OriginalAmount <OrgnlAmt>	[0..1]			1483
	ActualAmount <ActlAmt>	[0..1]	Amount		1483
	MinimumAmount <MinAmt>	[0..1]	Amount		1483

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		1483
	CommissionDetails <ComssnDtls>	[0..*]			1484
	Amount <Amt>	[1..1]	Amount		1484
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484
	MarkUpDetails <MrkUpDtls>	[0..*]			1484
	Rate <Rate>	[1..1]	Rate		1484
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1484
	CustomerOrder <CstmrOrdrr>	[0..*]	±		1485
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1486
	ImageFormat <ImgFrmt>	[1..1]	Text		1486
	ImageData <ImgData>	[0..1]	Binary		1486
	ImageReference <ImgRef>	[0..1]	Text		1487
	AdditionalInformation <AddtlInf>	[0..1]	Text		1487
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		1487
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		1487
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C4	1487
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		1487

26.4.2.4.4.4.7 PaymentReceipt <PmtRct>*Presence:* [0..*]*Definition:* Customer or Merchant payment receipt.

PaymentReceipt <PmtRct> contains the following elements (see "PaymentReceipt6" on page 1495 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1495
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1496
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1496
	OutputContent <OutptCntt>	[1..1]	±		1496

26.4.2.4.4.4.8 LoyaltyResult <LltyRslt>*Presence:* [0..*]*Definition:* Data related to the result of a processed loyalty transaction.

LoyaltyResult <LtyRslt> contains the following **LoyaltyResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		897
	Amount <Amt>	[0..1]			898
	Unit <Unit>	[0..1]	CodeSet		898
	Currency <Ccy>	[0..1]	CodeSet	C1	898
	Amount <Amt>	[1..1]	Amount		898
	ServerData <SvrData>	[0..1]			898
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		899
	ApprovalCode <ApprvICd>	[0..1]	Text		899
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		899
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		899
	Rebates <Rbts>	[0..1]			899
	TotalRebate <TtlRbt>	[0..1]	Amount		900
	RebateLabel <RbtLbl>	[0..1]	Text		900
	SaleItemRebate <SaleItmRbt>	[0..*]			900
	SaleItem <SaleItm>	[1..1]	±		900
	RebateLabel <RbtLbl>	[0..1]	Text		901

26.4.2.4.4.8.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 1596 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		1596
	EntryMode <NtryMd>	[0..1]	CodeSet		1596
	IdentificationType <IdTp>	[0..1]	CodeSet		1597
	Brand <Brnd>	[0..1]	Text		1597
	Provider <Prvdr>	[0..1]	Text		1598
	OwnerName <OwnrNm>	[0..1]	Text		1598
	Unit <Unit>	[0..1]	CodeSet		1598
	Currency <Ccy>	[0..1]	CodeSet	C1	1598
	Balance <Bal>	[0..1]	Amount		1598

26.4.2.4.4.4.8.2 Amount <Amt>*Presence:* [0..1]*Definition:* Amount.**Amount <Amt>** contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		898
	Currency <Ccy>	[0..1]	CodeSet	C1	898
	Amount <Amt>	[1..1]	Amount		898

26.4.2.4.4.4.8.2.1 Unit <Unit>*Presence:* [0..1]*Definition:* Unit type for the amount.*Datatype:* "AmountUnit1Code" on page 1714

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.4.2.4.4.4.8.2.2 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency of the amount is Unit is Monetary.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

26.4.2.4.4.4.8.2.3 Amount <Amt>*Presence:* [1..1]*Definition:* Amount value.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**26.4.2.4.4.4.8.3 ServerData <SvrData>***Presence:* [0..1]*Definition:* Data sent by the Loyalty server.

ServerData <SvrData> contains the following **LoyaltyServerData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		899
	ApprovalCode <ApprvICd>	[0..1]	Text		899
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		899
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		899

26.4.2.4.4.8.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.8.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 1769

26.4.2.4.4.8.3.3 LoyaltyTransactionIdentification <LtyTxId>

Presence: [0..1]

Definition: Identification of the Loyalty transaction in an unambiguous way.

LoyaltyTransactionIdentification <LtyTxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.8.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.8.4 Rebates <Rbts>

Presence: [0..1]

Definition: Rebate information.

Rebates <Rbts> contains the following **LoyaltyRebates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalRebate <TtlRbt>	[0..1]	Amount		900
	RebateLabel <RbtLabl>	[0..1]	Text		900
	SaleItemRebate <SaleitmRbt>	[0..*]			900
	SaleItem <Saleitm>	[1..1]	±		900
	RebateLabel <RbtLabl>	[0..1]	Text		901

26.4.2.4.4.4.8.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

26.4.2.4.4.4.8.4.2 RebateLabel <RbtLabl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.4.8.4.3 SaleItemRebate <SaleitmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleitmRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		900
	RebateLabel <RbtLabl>	[0..1]	Text		901

26.4.2.4.4.4.8.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

26.4.2.4.4.8.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.9 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Customer order attached to a customer, recorded in the POI system.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 1601 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		1601
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1601
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1602
	StartDate <StartDt>	[1..1]	DateTime		1602
	EndDate <EndDt>	[0..1]	DateTime		1602
	Unit <Unit>	[0..1]	CodeSet		1602
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1602
	CurrentAmount <CurAmt>	[0..1]	Amount		1602
	Currency <Ccy>	[0..1]	CodeSet	C1	1602
	AccessedBy <AccsdBy>	[0..1]	Text		1603
	AdditionalInformation <AddtlInf>	[0..1]	Text		1603

26.4.2.4.4.5 ReversalResponse <RvslRspn>

Presence: [0..1]

Definition: Response Data to a Reversal request.

ReversalResponse <RvslRspn> contains the following **ReversalResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		902
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		903
	POITransactionIdentification <POITxId>	[1..1]	±		903
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		903
	IssuerReferenceData <IssrRefData>	[0..1]	Text		903
	ReversalTransactionResult <RvslTxRslt>	[1..1]			903
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		904
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		904
	CustomerOrder <CstmrOrd>	[0..*]	±		909
	ReversedAmount <RvsdAmt>	[0..1]	Amount		909
	Receipt <Rct>	[0..*]	±		909

26.4.2.4.4.5.1 SaleTransactionIdentification <SaleTxId>

Presence: [1..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.5.2 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

26.4.2.4.4.5.3 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: POI identification of the transaction in an unambiguous way.

POITransactionIdentification <POITxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.5.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.5.5 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 1764

26.4.2.4.4.5.6 ReversalTransactionResult <RvsITxRsIt>

Presence: [1..1]

Definition: Result of reversal transaction.

ReversalTransactionResult <RvsITxRsIt> contains the following **RetailerReversalResult6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		904
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		904
	CustomerOrder <CstmrOrd>	[0..*]	±		909

26.4.2.4.4.5.6.1 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: POI reconciliation identification.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.5.6.2 OriginalPaymentTransaction <OrgnlPmtTx>

Presence: [0..1]

Definition: Original Transaction if any linked to this reversal.

OriginalPaymentTransaction <OrgnPmtTx> contains the following elements (see "CardPaymentTransaction136" on page 1393 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1398
	TransactionType <TxTp>	[1..1]	CodeSet		1398
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1399
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1399
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1400
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1400
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1400
	TransactionIdentification <TxId>	[1..1]	±		1400
	OriginalTransaction <OrgnITx>	[0..1]			1401
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	TransactionIdentification <TxId>	[1..1]	±		1403
	POIIdentification <POIID>	[1..1]	±		1403
	CurrencyConversion <CcyConvs>	[0..1]			1403
	Result <Rslt>	[1..1]	CodeSet		1406
	ResultReason <RsltRsn>	[0..1]	Text		1406
	ConversionDetails <ConvsDtls>	[0..*]			1406
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1408
	TargetCurrency <TrgtCcy>	[1..1]			1408
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1408
	NumericCode <NmrcCd>	[1..1]	Text		1408
	Decimal <Dcml>	[1..1]	Quantity		1408
	Name <Nm>	[0..1]	Text		1408
	ResultingAmount <RsltAmt>	[0..1]	Amount		1409
	ExchangeRate <XchgRate>	[1..1]	Rate		1409
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1409
	QuotationDate <QtnDt>	[0..1]	DateTime		1409
	ValidFrom <VldFr>	[0..1]	DateTime		1409
	ValidUntil <VldUntil>	[0..1]	DateTime		1409
	SourceCurrency <SrcCcy>	[1..1]			1409
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1410

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		1410
	Decimal <Dcml>	[0..1]	Quantity		1410
	Name <Nm>	[0..1]	Text		1410
	ApplicableBinRange <AplblBinRg>	[0..*]			1410
	LowerBin <LwrBin>	[1..1]	Text		1411
	HigherBin <HghrBin>	[1..1]	Text		1411
	OriginalAmount <OrgnlAmt>	[0..1]			1411
	ActualAmount <ActlAmt>	[0..1]	Amount		1411
	MinimumAmount <MinAmt>	[0..1]	Amount		1411
	MaximumAmount <MaxAmt>	[0..1]	Amount		1411
	CommissionDetails <ComssnDtls>	[0..*]			1412
	Amount <Amt>	[1..1]	Amount		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	MarkUpDetails <MrkUpDtls>	[0..*]			1412
	Rate <Rate>	[1..1]	Rate		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1412
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1413
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1413
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1413
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1413
	TransactionDetails <TxDtls>	[1..1]			1414
	Currency <Ccy>	[0..1]	CodeSet	C1	1417
	TotalAmount <TtlAmt>	[1..1]	Amount		1417
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1417
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1417
	DetailedAmount <DtldAmt>	[0..1]	±		1417
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1418
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1418
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1418
	ValidityDate <VldtyDt>	[0..1]	Date		1418

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1418
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1419
	AccountType <AcctTp>	[0..1]	CodeSet		1419
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1420
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		1422
	Conversion <Convs>	[0..1]			1422
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1424
	TargetCurrency <TrgtCcy>	[1..1]			1424
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1424
	NumericCode <NmrcCd>	[1..1]	Text		1424
	Decimal <Dcml>	[1..1]	Quantity		1424
	Name <Nm>	[0..1]	Text		1424
	ResultingAmount <RsltAmt>	[0..1]	Amount		1425
	ExchangeRate <XchgRate>	[1..1]	Rate		1425
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1425
	QuotationDate <QtnDt>	[0..1]	DateTime		1425
	ValidFrom <VldFr>	[0..1]	DateTime		1425
	ValidUntil <VldUntil>	[0..1]	DateTime		1425
	SourceCurrency <SrcCcy>	[1..1]			1425
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1426
	NumericCode <NmrcCd>	[0..1]	Text		1426
	Decimal <Dcml>	[0..1]	Quantity		1426
	Name <Nm>	[0..1]	Text		1426
	ApplicableBinRange <AplblBinRg>	[0..*]			1426
	LowerBin <LwrBin>	[1..1]	Text		1427
	HigherBin <HghrBin>	[1..1]	Text		1427
	OriginalAmount <OrgnlAmt>	[0..1]			1427
	ActualAmount <ActlAmt>	[0..1]	Amount		1427
	MinimumAmount <MinAmt>	[0..1]	Amount		1427
	MaximumAmount <MaxAmt>	[0..1]	Amount		1427
	CommissionDetails <ComssnDtls>	[0..*]			1428

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	MarkUpDetails <MrkUpDtls>	[0..*]			1428
	Rate <Rate>	[1..1]	Rate		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1428
	Instalment <Instlmt>	[0..*]	±		1429
	Recurring <Rcrng>	[0..1]	±		1430
	AggregationTransaction <AggtnTx>	[0..1]	±		1431
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1431
	SaleItem <SaleItm>	[0..*]	±		1431
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1432
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1432
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1432
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1432
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1433
	AdditionalInformation <AddtlInf>	[0..*]			1433
	Identification <Id>	[1..1]	Text		1433
	Value <Val>	[0..1]	Binary		1433
	ProtectedValue <PrctdVal>	[0..1]	±		1433
	Type <Tp>	[0..1]	Text		1434
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1434
	AuthorisationResult <AuthstnRslt>	[0..1]			1434
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1434
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1435
	Response <Rspn>	[1..1]	CodeSet		1435
	ResponseReason <RspnRsn>	[0..1]	Text		1435
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1436
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1436
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1436
	CustomerOrder <CstmrOrd>	[0..1]	±		1436

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerToken <CstmrTkn>	[0..1]	±		1436
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1437
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1437
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1437
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1437
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1438
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1438
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1438

26.4.2.4.4.5.6.3 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Updated Customer order list after reversal.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 1601 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlid>	[1..1]	Text		1601
	SaleReferenceIdentification <SaleRefld>	[1..1]	Text		1601
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		1602
	StartDate <StartDt>	[1..1]	DateTime		1602
	EndDate <EndDt>	[0..1]	DateTime		1602
	Unit <Unit>	[0..1]	CodeSet		1602
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1602
	CurrentAmount <CurAmt>	[0..1]	Amount		1602
	Currency <Ccy>	[0..1]	CodeSet	C1	1602
	AccessedBy <AccsdBy>	[0..1]	Text		1603
	AdditionalInformation <AddtlInf>	[0..1]	Text		1603

26.4.2.4.4.5.7 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount that have been reverse.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

26.4.2.4.4.5.8 Receipt <Rct>

Presence: [0..*]

Definition: Various receipts linked to the reversal.

Receipt <Rct> contains the following elements (see "PaymentReceipt6" on page 1495 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1495
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1496
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1496
	OutputContent <OutptCntt>	[1..1]	±		1496

26.4.2.4.4.6 BalanceInquiryResponse <BalNqryRspn>

Presence: [0..1]

Definition: Response data to a balance inquiry service request.

BalanceInquiryResponse <BalNqryRspn> contains the following **BalanceInquiryResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		911
	POITransactionIdentification <POITxId>	[0..1]	±		911
	PaymentAccount <PmtAcct>	[0..1]			911
	Currency <Ccy>	[0..1]	CodeSet	C1	911
	CurrentBalance <CurBal>	[0..1]	Amount		912
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		912
	LoyaltyAccount <LtyAcct>	[0..1]	±		912
	StoredValueAccount <StordValAcct>	[0..*]			912
	AccountType <AcctTp>	[0..1]	CodeSet		913
	IdentificationType <IdTp>	[0..1]	CodeSet		914
	Identification <Id>	[0..1]	Text		914
	Brand <Brnd>	[0..1]	Text		914
	Provider <Prvdr>	[0..1]	Text		914
	OwnerName <OwnrNm>	[0..1]	Text		914
	ExpiryDate <XpryDt>	[0..1]	Text		915
	EntryMode <NtryMd>	[0..1]	CodeSet		915
	Currency <Ccy>	[0..1]	CodeSet	C1	915
	Balance <Bal>	[0..1]	Amount		916
	Receipt <Rct>	[0..*]	±		916

26.4.2.4.4.6.1 SaleTransactionIdentification <SaleTxId>*Presence:* [0..1]*Definition:* Sale System identification of the transaction in an unambiguous way.**SaleTransactionIdentification <SaleTxId>** contains the following elements (see ["TransactionIdentifier1"](#) on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.6.2 POITransactionIdentification <POITxId>*Presence:* [0..1]*Definition:* POI identification of the transaction in an unambiguous way.**POITransactionIdentification <POITxId>** contains the following elements (see ["TransactionIdentifier1"](#) on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.6.3 PaymentAccount <PmtAcct>*Presence:* [0..1]*Definition:* Payment account information.**PaymentAccount <PmtAcct>** contains the following **PaymentAccount3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	911
	CurrentBalance <CurBal>	[0..1]	Amount		912
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		912

26.4.2.4.4.6.3.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency of a Payment Account.*Impacted by:* [C1 "ActiveCurrency"](#)*Datatype:* ["ActiveCurrencyCode"](#) on page 1705**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.

26.4.2.4.4.6.3.2 CurrentBalance <CurBal>

Presence: [0..1]

Definition: Balance of a Payment Account

Datatype: "ImpliedCurrencyAndAmount" on page 1701

26.4.2.4.4.6.3.3 PaymentAcquirerData <PmtAcqrrData>

Presence: [0..1]

Definition: Detail of Acquirer.

PaymentAcquirerData <PmtAcqrrData> contains the following elements (see "Acquirer10" on page 1193 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1193
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1193

26.4.2.4.4.6.4 LoyaltyAccount <LltyAcct>

Presence: [0..1]

Definition: Loyalty account information.

LoyaltyAccount <LltyAcct> contains the following elements (see "LoyaltyAccount3" on page 1596 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		1596
	EntryMode <NtryMd>	[0..1]	CodeSet		1596
	IdentificationType <IdTp>	[0..1]	CodeSet		1597
	Brand <Brnd>	[0..1]	Text		1597
	Provider <Prvdr>	[0..1]	Text		1598
	OwnerName <OwnrNm>	[0..1]	Text		1598
	Unit <Unit>	[0..1]	CodeSet		1598
	Currency <Ccy>	[0..1]	CodeSet	C1	1598
	Balance <Bal>	[0..1]	Amount		1598

26.4.2.4.4.6.5 StoredValueAccount <StordValAcct>

Presence: [0..*]

Definition: Stored value account information.

StoredValueAccount <StordValAcct> contains the following **StoredValueAccount2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		913
	IdentificationType <IdTp>	[0..1]	CodeSet		914
	Identification <Id>	[0..1]	Text		914
	Brand <Brnd>	[0..1]	Text		914
	Provider <Prvdr>	[0..1]	Text		914
	OwnerName <OwnrNm>	[0..1]	Text		914
	ExpiryDate <XpryDt>	[0..1]	Text		915
	EntryMode <NtryMd>	[0..1]	CodeSet		915
	Currency <Ccy>	[0..1]	CodeSet	C1	915
	Balance <Bal>	[0..1]	Amount		916

26.4.2.4.4.6.5.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 1752

CodeName	Name	Definition
BNKA	BankPrepaidAccount	Prepaid account managed by a financial institution for low income customers.
CWVC	CarwashVoucher	Car wash specific account.
CPYA	CompanyPrepaidAccount	Specific prepaid account for companies or professionals expenses.
ELMY	ElectronicMoneyAccount	Account supporting e-money issued by an electronic money issuer.
GIFT	GiftCard	Payment mean issued by retailers or banks as a substitute to a non-monetary gift. Usually, this Stored Value item is used only once.
GCER	GiftCertificate	Certificate to be given to a customer. Usually one shot voucher.
MLVC	MealVoucher	Meal and check voucher for restaurants.
OLVC	OnlineVoucher	Voucher that can be used online once or in several times.
MERC	MerchantAccount	Prepaid account open with a merchant or big retailers.
OTHR	OtherPrepaidAccount	Other non listed stored value instrument.
PHON	PhoneCard	Stored value instrument used to pay telephone services (e.g. card or identifier).

CodeName	Name	Definition
CARD	SmartCardTag	Stored value account hold on the chip of a smart card.
TRVL	Travel	Travel prepaid account.

26.4.2.4.4.6.5.2 IdentificationType <IdTp>*Presence:* [0..1]*Definition:* Type of identification for this Stored Value Account.*Datatype:* "CardIdentificationType1Code" on page 1723

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

26.4.2.4.4.6.5.3 Identification <Id>*Presence:* [0..1]*Definition:* Identification of Stored Value Account.*Datatype:* "Max35Text" on page 1766**26.4.2.4.4.6.5.4 Brand <Brnd>***Presence:* [0..1]*Definition:* Brand to which belong the account.*Datatype:* "Max35Text" on page 1766**26.4.2.4.4.6.5.5 Provider <Prvdr>***Presence:* [0..1]*Definition:* Provider of the Stored Value Account.*Datatype:* "Max35Text" on page 1766**26.4.2.4.4.6.5.6 OwnerName <OwnrNm>***Presence:* [0..1]*Definition:* Owner name of an account.*Datatype:* "Max45Text" on page 1766

26.4.2.4.4.6.5.7 ExpiryDate <XpryDt>*Presence:* [0..1]*Definition:* Expiry date of the account of card.*Datatype:* "Max10Text" on page 1763**26.4.2.4.4.6.5.8 EntryMode <NtryMd>***Presence:* [0..1]*Definition:* Standard or last entry mode to access the Stored Value account or card.*Datatype:* "CardDataReading8Code" on page 1721

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.)

26.4.2.4.4.6.5.9 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency of the Stored Value account.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

26.4.2.4.4.6.5.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

26.4.2.4.4.6.6 Receipt <Rct>

Presence: [0..*]

Definition: Receipt to print after a balance inquiry.

Receipt <Rct> contains the following elements (see "PaymentReceipt6" on page 1495 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1495
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1496
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1496
	OutputContent <OutptCntt>	[1..1]	±		1496

26.4.2.4.4.7 LoyaltyResponse <LityRspn>

Presence: [0..1]

Definition: Response data to a loyalty service request.

LoyaltyResponse <LtyRspn> contains the following **LoyaltyResponse3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		917
	POITransactionIdentification <POITxId>	[1..1]	±		917
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		918
	Result <Rslt>	[0..*]			918
	Account <Acct>	[1..1]	±		918
	Amount <Amt>	[0..1]			919
	Unit <Unit>	[0..1]	CodeSet		919
	Currency <Ccy>	[0..1]	CodeSet	C1	919
	Amount <Amt>	[1..1]	Amount		920
	ServerData <SvrData>	[0..1]			920
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		920
	ApprovalCode <ApprvlCd>	[0..1]	Text		920
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		920
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		921
	Rebates <Rbts>	[0..1]			921
	TotalRebate <TtlRbt>	[0..1]	Amount		921
	RebateLabel <RbtLabl>	[0..1]	Text		921
	SaleItemRebate <SaleitmRbt>	[0..*]			921
	SaleItem <Saleitm>	[1..1]	±		922
	RebateLabel <RbtLabl>	[0..1]	Text		922

26.4.2.4.4.7.1 SaleTransactionIdentification <SaleTxId>

Presence: [1..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.7.2 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: POI identification of the transaction in an unambiguous way.

POITransactionIdentification <POITxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.7.3 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.7.4 Result <Rslt>

Presence: [0..*]

Definition: Data related to the result of a processed loyalty transaction.

Result <Rslt> contains the following **LoyaltyResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		918
	Amount <Amt>	[0..1]			919
	Unit <Unit>	[0..1]	CodeSet		919
	Currency <Ccy>	[0..1]	CodeSet	C1	919
	Amount <Amt>	[1..1]	Amount		920
	ServerData <SvrData>	[0..1]			920
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		920
	ApprovalCode <ApprvICd>	[0..1]	Text		920
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		920
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		921
	Rebates <Rbts>	[0..1]			921
	TotalRebate <TtlRbt>	[0..1]	Amount		921
	RebateLabel <RbtLabl>	[0..1]	Text		921
	SaleItemRebate <SaleItmRbt>	[0..*]			921
	SaleItem <SaleItm>	[1..1]	±		922
	RebateLabel <RbtLabl>	[0..1]	Text		922

26.4.2.4.4.7.4.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "LoyaltyAccount3" on page 1596 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		1596
	EntryMode <NtryMd>	[0..1]	CodeSet		1596
	IdentificationType <IdTp>	[0..1]	CodeSet		1597
	Brand <Brnd>	[0..1]	Text		1597
	Provider <Prvdr>	[0..1]	Text		1598
	OwnerName <OwnrNm>	[0..1]	Text		1598
	Unit <Unit>	[0..1]	CodeSet		1598
	Currency <Ccy>	[0..1]	CodeSet	C1	1598
	Balance <Bal>	[0..1]	Amount		1598

26.4.2.4.4.7.4.2 Amount <Amt>

Presence: [0..1]

Definition: Amount.

Amount <Amt> contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		919
	Currency <Ccy>	[0..1]	CodeSet	C1	919
	Amount <Amt>	[1..1]	Amount		920

26.4.2.4.4.7.4.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 1714

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.4.2.4.4.7.4.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

26.4.2.4.4.7.4.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

26.4.2.4.4.7.4.3 ServerData <SvrData>

Presence: [0..1]

Definition: Data sent by the Loyalty server.

ServerData <SvrData> contains the following **LoyaltyServerData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		920
	ApprovalCode <ApprvICd>	[0..1]	Text		920
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		920
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		921

26.4.2.4.4.7.4.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.7.4.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 1769

26.4.2.4.4.7.4.3.3 LoyaltyTransactionIdentification <LtyTxId>

Presence: [0..1]

Definition: Identification of the Loyalty transaction in an unambiguous way.

LoyaltyTransactionIdentification <LtyTxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.7.4.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.7.4.4 Rebates <Rbts>

Presence: [0..1]

Definition: Rebate information.

Rebates <Rbts> contains the following **LoyaltyRebates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalRebate <TtlRbt>	[0..1]	Amount		921
	RebateLabel <RbtLabl>	[0..1]	Text		921
	SaleItemRebate <SaleitmRbt>	[0..*]			921
	SaleItem <Saleitm>	[1..1]	±		922
	RebateLabel <RbtLabl>	[0..1]	Text		922

26.4.2.4.4.7.4.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

26.4.2.4.4.7.4.4.2 RebateLabel <RbtLabl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.7.4.4.3 SaleItemRebate <SaleitmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleitmRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		922
	RebateLabel <RbtLbl>	[0..1]	Text		922

26.4.2.4.4.7.4.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

26.4.2.4.4.7.4.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.8 StoredValueResponse <StordValRspn>

Presence: [0..1]

Definition: Response data to a Stored Value request.

StoredValueResponse <StordValRspn> contains the following **StoredValueResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		923
	POITransactionIdentification <POITxId>	[1..1]	±		924
	Result <RsIt>	[0..*]			924
	Provider <Prvdr>	[0..1]	Text		925
	TransactionType <TxTp>	[1..1]	CodeSet		925
	AccountIdentification <AcctId>	[0..1]			926
	AccountType <AcctTp>	[0..1]	CodeSet		926
	IdentificationType <IdTp>	[0..1]	CodeSet		927
	Identification <Id>	[0..1]	Text		927
	Brand <Brnd>	[0..1]	Text		928
	Provider <Prvdr>	[0..1]	Text		928
	OwnerName <OwnrNm>	[0..1]	Text		928
	ExpiryDate <XpryDt>	[0..1]	Text		928
	EntryMode <NtryMd>	[0..1]	CodeSet		928
	Currency <Ccy>	[0..1]	CodeSet	C1	929
	Balance <Bal>	[0..1]	Amount		929
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		929
	ProductCode <PdctCd>	[0..1]	Text		934
	EANUPC <EANUPC>	[0..1]	Text		934
	ItemAmount <ItmAmt>	[0..1]	Amount		934
	Currency <Ccy>	[0..1]	CodeSet	C1	934
	HostTransactionIdentification <HstTxId>	[0..1]	±		935
	Receipt <Rct>	[0..*]	±		935

26.4.2.4.4.8.1 SaleTransactionIdentification <SaleTxId>

Presence: [0..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.8.2 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.8.3 Result <RsIt>

Presence: [0..*]

Definition: Result of loading/reloading a stored value card.

Result <Rslt> contains the following **StoredValueData7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		925
	TransactionType <TxTp>	[1..1]	CodeSet		925
	AccountIdentification <AcctId>	[0..1]			926
	AccountType <AcctTp>	[0..1]	CodeSet		926
	IdentificationType <IdTp>	[0..1]	CodeSet		927
	Identification <Id>	[0..1]	Text		927
	Brand <Brnd>	[0..1]	Text		928
	Provider <Prvdr>	[0..1]	Text		928
	OwnerName <OwnrNm>	[0..1]	Text		928
	ExpiryDate <XpryDt>	[0..1]	Text		928
	EntryMode <NtryMd>	[0..1]	CodeSet		928
	Currency <Ccy>	[0..1]	CodeSet	C1	929
	Balance <Bal>	[0..1]	Amount		929
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		929
	ProductCode <PdctCd>	[0..1]	Text		934
	EANUPC <EANUPC>	[0..1]	Text		934
	ItemAmount <ItmAmt>	[0..1]	Amount		934
	Currency <Ccy>	[0..1]	CodeSet	C1	934
	HostTransactionIdentification <HstTxId>	[0..1]	±		935

26.4.2.4.4.8.3.1 Provider <Prvdr>

Presence: [0..1]

Definition: Identification of the provider of the stored value account load/reload.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.8.3.2 TransactionType <TxTp>

Presence: [1..1]

Definition: Identification of operation to proceed on the stored value account or the stored value card.

Datatype: "StoredValueTransactionType3Code" on page 1753

CodeName	Name	Definition
ACTV	Activate	Activate the account or the card.
DUPL	Duplicate	Duplicate the code or number provided by the loading or activation.

CodeName	Name	Definition
LOAD	Load	Load the account or the card with money.
RESV	Reserve	Reserve the account (e.g. get an activation code).
REVS	Reverse	Reverse an activation or loading.
ULOA	Unload	Unload the account.
CLOS	CloseAccount	Close the account.
DCTV	Deactivate	Deactivate the account or the card.
OPEN	OpenAccount	Open the account.
BALC	Balance	Balance enquiry.

26.4.2.4.4.8.3.3 AccountIdentification <AcctId>

Presence: [0..1]

Definition: Identification of the stored value account or the stored value card.

AccountIdentification <AcctId> contains the following **StoredValueAccount2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		926
	IdentificationType <IdTp>	[0..1]	CodeSet		927
	Identification <Id>	[0..1]	Text		927
	Brand <Brnd>	[0..1]	Text		928
	Provider <Prvdr>	[0..1]	Text		928
	OwnerName <OwnrNm>	[0..1]	Text		928
	ExpiryDate <XpryDt>	[0..1]	Text		928
	EntryMode <NtryMd>	[0..1]	CodeSet		928
	Currency <Ccy>	[0..1]	CodeSet	C1	929
	Balance <Bal>	[0..1]	Amount		929

26.4.2.4.4.8.3.3.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 1752

CodeName	Name	Definition
BNKA	BankPrepaidAccount	Prepaid account managed by a financial institution for low income customers.
CWVC	CarwashVoucher	Car wash specific account.

CodeName	Name	Definition
CPYA	CompanyPrepaidAccount	Specific prepaid account for companies or professionals expenses.
ELMY	ElectronicMoneyAccount	Account supporting e-money issued by an electronic money issuer.
GIFT	GiftCard	Payment mean issued by retailers or banks as a substitute to a non-monetary gift. Usually, this Stored Value item is used only once.
GCER	GiftCertificate	Certificate to be given to a customer. Usually one shot voucher.
MLVC	MealVoucher	Meal and check voucher for restaurants.
OLVC	OnlineVoucher	Voucher that can be used online once or in several times.
MERC	MerchantAccount	Prepaid account open with a merchant or big retailers.
OTHR	OtherPrepaidAccount	Other non listed stored value instrument.
PHON	PhoneCard	Stored value instrument used to pay telephone services (e.g. card or identifier).
CARD	SmartCardTag	Stored value account hold on the chip of a smart card.
TRVL	Travel	Travel prepaid account.

26.4.2.4.4.8.3.3.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 1723

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

26.4.2.4.4.8.3.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.8.3.3.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.8.3.3.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.8.3.3.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 1766

26.4.2.4.4.8.3.3.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 1763

26.4.2.4.4.8.3.3.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 1721

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.

CodeName	Name	Definition
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.)

26.4.2.4.4.8.3.3.9 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency of the Stored Value account.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

26.4.2.4.4.8.3.3.10 Balance <Bal>*Presence:* [0..1]*Definition:* Current balance of the Stored Value account.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**26.4.2.4.4.8.3.4 OriginalPOITransaction <OrgnlPOITx>***Presence:* [0..1]*Definition:* Identification of a previous POI transaction.

OriginalPOITransaction <OrgnlPOITx> contains the following elements (see "CardPaymentTransaction136" on page 1393 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1398
	TransactionType <TxTp>	[1..1]	CodeSet		1398
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1399
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1399
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1400
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1400
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1400
	TransactionIdentification <TxId>	[1..1]	±		1400
	OriginalTransaction <OrgnlTx>	[0..1]			1401
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	TransactionIdentification <TxId>	[1..1]	±		1403
	POIIdentification <POIID>	[1..1]	±		1403
	CurrencyConversion <CcyConvs>	[0..1]			1403
	Result <Rslt>	[1..1]	CodeSet		1406
	ResultReason <RsltRsn>	[0..1]	Text		1406
	ConversionDetails <ConvsDtls>	[0..*]			1406
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1408
	TargetCurrency <TrgtCcy>	[1..1]			1408
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1408
	NumericCode <NmrcCd>	[1..1]	Text		1408
	Decimal <Dcml>	[1..1]	Quantity		1408
	Name <Nm>	[0..1]	Text		1408
	ResultingAmount <RsltAmt>	[0..1]	Amount		1409
	ExchangeRate <XchgRate>	[1..1]	Rate		1409
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1409
	QuotationDate <QtnDt>	[0..1]	DateTime		1409
	ValidFrom <VldFr>	[0..1]	DateTime		1409
	ValidUntil <VldUntil>	[0..1]	DateTime		1409
	SourceCurrency <SrcCcy>	[1..1]			1409
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1410

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		1410
	Decimal <Dcml>	[0..1]	Quantity		1410
	Name <Nm>	[0..1]	Text		1410
	ApplicableBinRange <AplblBinRg>	[0..*]			1410
	LowerBin <LwrBin>	[1..1]	Text		1411
	HigherBin <HghrBin>	[1..1]	Text		1411
	OriginalAmount <OrgnlAmt>	[0..1]			1411
	ActualAmount <ActlAmt>	[0..1]	Amount		1411
	MinimumAmount <MinAmt>	[0..1]	Amount		1411
	MaximumAmount <MaxAmt>	[0..1]	Amount		1411
	CommissionDetails <ComssnDtls>	[0..*]			1412
	Amount <Amt>	[1..1]	Amount		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	MarkUpDetails <MrkUpDtls>	[0..*]			1412
	Rate <Rate>	[1..1]	Rate		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1412
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1413
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1413
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1413
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1413
	TransactionDetails <TxDtls>	[1..1]			1414
	Currency <Ccy>	[0..1]	CodeSet	C1	1417
	TotalAmount <TtlAmt>	[1..1]	Amount		1417
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1417
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1417
	DetailedAmount <DtldAmt>	[0..1]	±		1417
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1418
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1418
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1418
	ValidityDate <VldtyDt>	[0..1]	Date		1418

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1418
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1419
	AccountType <AcctTp>	[0..1]	CodeSet		1419
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1420
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1422
	Conversion <Convs>	[0..1]			1422
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1424
	TargetCurrency <TrgtCcy>	[1..1]			1424
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1424
	NumericCode <NmrcCd>	[1..1]	Text		1424
	Decimal <Dcml>	[1..1]	Quantity		1424
	Name <Nm>	[0..1]	Text		1424
	ResultingAmount <RsltAmt>	[0..1]	Amount		1425
	ExchangeRate <XchgRate>	[1..1]	Rate		1425
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1425
	QuotationDate <QtnDt>	[0..1]	DateTime		1425
	ValidFrom <VldFr>	[0..1]	DateTime		1425
	ValidUntil <VldUntil>	[0..1]	DateTime		1425
	SourceCurrency <SrcCcy>	[1..1]			1425
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1426
	NumericCode <NmrcCd>	[0..1]	Text		1426
	Decimal <Dcml>	[0..1]	Quantity		1426
	Name <Nm>	[0..1]	Text		1426
	ApplicableBinRange <AplblBinRg>	[0..*]			1426
	LowerBin <LwrBin>	[1..1]	Text		1427
	HigherBin <HghrBin>	[1..1]	Text		1427
	OriginalAmount <OrgnlAmt>	[0..1]			1427
	ActualAmount <ActlAmt>	[0..1]	Amount		1427
	MinimumAmount <MinAmt>	[0..1]	Amount		1427
	MaximumAmount <MaxAmt>	[0..1]	Amount		1427
	CommissionDetails <ComssnDtls>	[0..*]			1428

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	MarkUpDetails <MrkUpDtls>	[0..*]			1428
	Rate <Rate>	[1..1]	Rate		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1428
	Instalment <Instlmt>	[0..*]	±		1429
	Recurring <Rcrng>	[0..1]	±		1430
	AggregationTransaction <AggtnTx>	[0..1]	±		1431
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1431
	SaleItem <Saleitm>	[0..*]	±		1431
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1432
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1432
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1432
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1432
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1433
	AdditionalInformation <AddtlInf>	[0..*]			1433
	Identification <Id>	[1..1]	Text		1433
	Value <Val>	[0..1]	Binary		1433
	ProtectedValue <PrctdVal>	[0..1]	±		1433
	Type <Tp>	[0..1]	Text		1434
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1434
	AuthorisationResult <AuthstnRslt>	[0..1]			1434
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1434
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1435
	Response <Rspn>	[1..1]	CodeSet		1435
	ResponseReason <RspnRsn>	[0..1]	Text		1435
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1436
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1436
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1436
	CustomerOrder <CstmrOrdr>	[0..1]	±		1436

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerToken <CstmrTkn>	[0..1]	±		1436
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1437
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1437
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1437
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1437
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1438
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1438
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1438

26.4.2.4.4.8.3.5 ProductCode <PdctCd>*Presence:* [0..1]*Definition:* Product code of item purchased with the transaction.*Datatype:* "Max35Text" on page 1766**26.4.2.4.4.8.3.6 EANUPC <EANUPC>***Presence:* [0..1]*Definition:* Standard European Article Number Universal Product Code of item purchased with the transaction.*Datatype:* "Max35NumericText" on page 1766**26.4.2.4.4.8.3.7 ItemAmount <ItmAmt>***Presence:* [0..1]*Definition:* Total amount of the item line.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**26.4.2.4.4.8.3.8 Currency <Ccy>***Presence:* [0..1]*Definition:* Currency of the monetary amount.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

26.4.2.4.4.8.3.9 HostTransactionIdentification <HstTxId>

Presence: [0..1]

Definition: Identification of the transaction by the host in charge of the stored value transaction.

HostTransactionIdentification <HstTxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.8.4 Receipt <Rct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

Receipt <Rct> contains the following elements (see "PaymentReceipt6" on page 1495 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1495
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1496
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1496
	OutputContent <OutptCntt>	[1..1]	±		1496

26.4.2.4.4.9 BatchResponse <BtchRspn>

Presence: [0..1]

Definition: Content of the Batch Response message.

BatchResponse <BtchRspn> contains the following **BatchResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		936
	POIBatchIdentification <POIBtchId>	[0..1]	±		937
	PerformedTransaction <PrfrmdTx>	[0..*]			937
	Response <Rspn>	[1..1]	±		938
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		939
	POITransactionIdentification <POITxId>	[0..1]	±		939
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		939
	PaymentResult <PmtRslt>	[0..1]	±		939
	LoyaltyResult <LtyRslt>	[0..*]			942
	Account <Acct>	[1..1]	±		943
	Amount <Amt>	[0..1]			944
	Unit <Unit>	[0..1]	CodeSet		944
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	Amount <Amt>	[1..1]	Amount		944
	ServerData <SvrData>	[0..1]			944
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		945
	ApprovalCode <ApprvlCd>	[0..1]	Text		945
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		945
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		945
	Rebates <Rbts>	[0..1]			945
	TotalRebate <TtlRbt>	[0..1]	Amount		946
	RebateLabel <RbtLbl>	[0..1]	Text		946
	SaleItemRebate <SaleItmRbt>	[0..*]			946
	SaleItem <SaleItm>	[1..1]	±		946
	RebateLabel <RbtLbl>	[0..1]	Text		947
	ReversedAmount <RvsdAmt>	[0..1]	Amount		947

26.4.2.4.4.9.1 SaleBatchIdentification <SaleBtchId>

Presence: [0..1]

Definition: Sale System identification of the batch in an unambiguous way.

SaleBatchIdentification <SaleBtchId> contains the following elements (see "[TransactionIdentifier1](#)" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.9.2 POIBatchIdentification <POIBtchId>

Presence: [0..1]

Definition: POI identification of the batch in an unambiguous way.

POIBatchIdentification <POIBtchId> contains the following elements (see "[TransactionIdentifier1](#)" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.9.3 PerformedTransaction <PrfrmdTx>

Presence: [0..*]

Definition: Performed transaction content.

PerformedTransaction <PrfrmdTx> contains the following **PerformedTransaction6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	±		938
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		939
	POITransactionIdentification <POITxId>	[0..1]	±		939
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		939
	PaymentResult <PmtRslt>	[0..1]	±		939
	LoyaltyResult <LltyRslt>	[0..*]			942
	Account <Acct>	[1..1]	±		943
	Amount <Amt>	[0..1]			944
	Unit <Unit>	[0..1]	CodeSet		944
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	Amount <Amt>	[1..1]	Amount		944
	ServerData <SvrData>	[0..1]			944
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		945
	ApprovalCode <ApprvlCd>	[0..1]	Text		945
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		945
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		945
	Rebates <Rbts>	[0..1]			945
	TotalRebate <TtlRbt>	[0..1]	Amount		946
	RebateLabel <RbtLabl>	[0..1]	Text		946
	SaleItemRebate <SaleitmRbt>	[0..*]			946
	SaleItem <Saleitm>	[1..1]	±		946
	RebateLabel <RbtLabl>	[0..1]	Text		947
	ReversedAmount <RvsdAmt>	[0..1]	Amount		947

26.4.2.4.4.9.3.1 Response <Rspn>

Presence: [1..1]

Definition: Response for this performed transaction.

Response <Rspn> contains the following elements (see ["ResponseType11" on page 1598](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1599
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1599
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1600

26.4.2.4.4.9.3.2 SaleTransactionIdentification <SaleTxId>

Presence: [0..1]

Definition: Unique identification of a sale transaction.

SaleTransactionIdentification <SaleTxId> contains the following elements (see ["TransactionIdentifier1" on page 1620](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.9.3.3 POITransactionIdentification <POITxId>

Presence: [0..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see ["TransactionIdentifier1" on page 1620](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.9.3.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Identification of the POI reconciliation period.

Datatype: ["Max35Text" on page 1766](#)

26.4.2.4.4.9.3.5 PaymentResult <PmtRslt>

Presence: [0..1]

Definition: Data related to the result of a processed payment transaction.

PaymentResult <PmtRslt> contains the following elements (see "RetailerPaymentResult6" on page 1455 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1458
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1459
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1460
	RequestedTransaction <ReqdTxx>	[0..1]	±		1460
	TransactionResponse <TxRspn>	[0..1]			1465
	AuthorisationResult <AuthstnRslt>	[1..1]			1468
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1468
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1469
	Response <Rspn>	[1..1]	CodeSet		1469
	ResponseReason <RspnRsn>	[0..1]	Text		1469
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1469
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1469
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1469
	TMSTrigger <TMSTrggr>	[0..1]			1470
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1470
	TMSIdentification <TMSId>	[0..1]	Text		1470
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1470
	AllowedProductCode <AllwdPdctCd>	[0..*]			1470
	ProductCode <PdctCd>	[1..1]	Text		1471
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1471
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1471
	ProductCode <PdctCd>	[1..1]	Text		1471
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1471
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1471
	ProductCode <PdctCd>	[1..1]	Text		1472
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1472
	AmountLimit <AmtLmt>	[0..1]	Amount		1472
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1472
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1472
	Balance <Bal>	[0..1]	±		1474

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedBalance <PrtctdBal>	[0..1]	±		1474
	Action <Actn>	[0..*]			1475
	ActionType <ActnTp>	[1..1]	CodeSet		1475
	MessageToPresent <MsgToPres>	[0..1]	±		1476
	RemoteAccess <RmotAccs>	[0..1]	±		1477
	Retry <Rtry>	[0..1]	±		1477
	TimeCondition <TmCond>	[0..1]	±		1477
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1478
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1480
	TargetCurrency <TrgtCcy>	[1..1]			1480
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1480
	NumericCode <NmrcCd>	[1..1]	Text		1480
	Decimal <Dcml>	[1..1]	Quantity		1480
	Name <Nm>	[0..1]	Text		1481
	ResultingAmount <RsltAmt>	[0..1]	Amount		1481
	ExchangeRate <XchgRate>	[1..1]	Rate		1481
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1481
	QuotationDate <QtnDt>	[0..1]	DateTime		1481
	ValidFrom <VldFr>	[0..1]	DateTime		1481
	ValidUntil <VldUntil>	[0..1]	DateTime		1481
	SourceCurrency <SrcCcy>	[1..1]			1481
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1482
	NumericCode <NmrcCd>	[0..1]	Text		1482
	Decimal <Dcml>	[0..1]	Quantity		1482
	Name <Nm>	[0..1]	Text		1482
	ApplicableBinRange <AplblBinRg>	[0..*]			1482
	LowerBin <LwrBin>	[1..1]	Text		1483
	HigherBin <HghrBin>	[1..1]	Text		1483
	OriginalAmount <OrgnlAmt>	[0..1]			1483
	ActualAmount <ActlAmt>	[0..1]	Amount		1483
	MinimumAmount <MinAmt>	[0..1]	Amount		1483

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		1483
	CommissionDetails <ComssnDtls>	[0..*]			1484
	Amount <Amt>	[1..1]	Amount		1484
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484
	MarkUpDetails <MrkUpDtls>	[0..*]			1484
	Rate <Rate>	[1..1]	Rate		1484
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1484
	CustomerOrder <CstmrOrdr>	[0..*]	±		1485
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1486
	ImageFormat <ImgFrmt>	[1..1]	Text		1486
	ImageData <ImgData>	[0..1]	Binary		1486
	ImageReference <ImgRef>	[0..1]	Text		1487
	AdditionalInformation <AddtlInf>	[0..1]	Text		1487
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		1487
	MerchantOverrideFlag <MrchntOvrrdFlg>	[0..1]	Indicator		1487
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C4	1487
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		1487

26.4.2.4.4.9.3.6 LoyaltyResult <LtyRslt>

Presence: [0..*]

Definition: Data related to the result of a processed Loyalty transaction.

LoyaltyResult <LtyRslt> contains the following **LoyaltyResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		943
	Amount <Amt>	[0..1]			944
	Unit <Unit>	[0..1]	CodeSet		944
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	Amount <Amt>	[1..1]	Amount		944
	ServerData <SvrData>	[0..1]			944
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		945
	ApprovalCode <ApprvICd>	[0..1]	Text		945
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		945
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		945
	Rebates <Rbts>	[0..1]			945
	TotalRebate <TtlRbt>	[0..1]	Amount		946
	RebateLabel <RbtLbl>	[0..1]	Text		946
	SaleItemRebate <SaleItmRbt>	[0..*]			946
	SaleItem <SaleItm>	[1..1]	±		946
	RebateLabel <RbtLbl>	[0..1]	Text		947

26.4.2.4.4.9.3.6.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 1596 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		1596
	EntryMode <NtryMd>	[0..1]	CodeSet		1596
	IdentificationType <IdTp>	[0..1]	CodeSet		1597
	Brand <Brnd>	[0..1]	Text		1597
	Provider <Prvdr>	[0..1]	Text		1598
	OwnerName <OwnrNm>	[0..1]	Text		1598
	Unit <Unit>	[0..1]	CodeSet		1598
	Currency <Ccy>	[0..1]	CodeSet	C1	1598
	Balance <Bal>	[0..1]	Amount		1598

26.4.2.4.4.9.3.6.2 Amount <Amt>*Presence:* [0..1]*Definition:* Amount.**Amount <Amt>** contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		944
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	Amount <Amt>	[1..1]	Amount		944

26.4.2.4.4.9.3.6.2.1 Unit <Unit>*Presence:* [0..1]*Definition:* Unit type for the amount.*Datatype:* "AmountUnit1Code" on page 1714

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.4.2.4.4.9.3.6.2.2 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency of the amount is Unit is Monetary.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

26.4.2.4.4.9.3.6.2.3 Amount <Amt>*Presence:* [1..1]*Definition:* Amount value.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**26.4.2.4.4.9.3.6.3 ServerData <SvrData>***Presence:* [0..1]*Definition:* Data sent by the Loyalty server.

ServerData <SvrData> contains the following **LoyaltyServerData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		945
	ApprovalCode <ApprvICd>	[0..1]	Text		945
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		945
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		945

26.4.2.4.4.9.3.6.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.9.3.6.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 1769

26.4.2.4.4.9.3.6.3.3 LoyaltyTransactionIdentification <LtyTxId>

Presence: [0..1]

Definition: Identification of the Loyalty transaction in an unambiguous way.

LoyaltyTransactionIdentification <LtyTxId> contains the following elements (see "TransactionIdentifier1" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.9.3.6.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.9.3.6.4 Rebates <Rbts>

Presence: [0..1]

Definition: Rebate information.

Rebates <Rbts> contains the following **LoyaltyRebates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalRebate <TtlRbt>	[0..1]	Amount		946
	RebateLabel <RbtLbl>	[0..1]	Text		946
	SaleItemRebate <SaleitmRbt>	[0..*]			946
	SaleItem <Saleitm>	[1..1]	±		946
	RebateLabel <RbtLbl>	[0..1]	Text		947

26.4.2.4.4.9.3.6.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

26.4.2.4.4.9.3.6.4.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.9.3.6.4.3 SaleItemRebate <SaleitmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleitmRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		946
	RebateLabel <RbtLbl>	[0..1]	Text		947

26.4.2.4.4.9.3.6.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

26.4.2.4.4.9.3.6.4.3.2 RebateLabel <RbtLabl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 1766

26.4.2.4.4.9.3.7 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount of the payment or loyalty to reverse.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

26.4.2.4.4.10 CardAcquisitionResponse <CardAcqstnRspn>

Presence: [0..1]

Definition: Content of the Card Acquisition Response message.

CardAcquisitionResponse <CardAcqstnRspn> contains the following **CardAcquisitionResponse3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		948
	POITransactionIdentification <POITxId>	[1..1]	±		948
	PaymentBrand <PmtBrnd>	[0..*]	Text		948
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C7	948
	LoyaltyAccount <LtyAcct>	[0..*]	±		949
	CustomerOrder <CstmrOrd>	[0..*]	±		949

26.4.2.4.4.10.1 SaleTransactionIdentification <SaleTxId>

Presence: [0..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see ["TransactionIdentifier1"](#) on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.10.2 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see ["TransactionIdentifier1"](#) on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

26.4.2.4.4.10.3 PaymentBrand <PmtBrnd>

Presence: [0..*]

Definition: Type of payment card.

Datatype: ["Max35Text"](#) on page 1766

26.4.2.4.4.10.4 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: [C7 "ValidationByTable"](#)

Datatype: "LanguageCode" on page 1734

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

26.4.2.4.4.10.5 LoyaltyAccount <LtyAcct>

Presence: [0..*]

Definition: Loyalty account information.

LoyaltyAccount <LtyAcct> contains the following elements (see "LoyaltyAccount3" on page 1596 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		1596
	EntryMode <NtryMd>	[0..1]	CodeSet		1596
	IdentificationType <IdTp>	[0..1]	CodeSet		1597
	Brand <Brnd>	[0..1]	Text		1597
	Provider <Prvdr>	[0..1]	Text		1598
	OwnerName <OwnrNm>	[0..1]	Text		1598
	Unit <Unit>	[0..1]	CodeSet		1598
	Currency <Ccy>	[0..1]	CodeSet	C1	1598
	Balance <Bal>	[0..1]	Amount		1598

26.4.2.4.4.10.6 CustomerOrder <CstmrOrd>

Presence: [0..*]

Definition: Customer order attached to a customer, recorded in the POI system.

CustomerOrder <CstmrOrd> contains the following elements (see "[CustomerOrder1](#)" on page 1601 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		1601
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1601
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1602
	StartDate <StartDt>	[1..1]	DateTime		1602
	EndDate <EndDt>	[0..1]	DateTime		1602
	Unit <Unit>	[0..1]	CodeSet		1602
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1602
	CurrentAmount <CurAmt>	[0..1]	Amount		1602
	Currency <Ccy>	[0..1]	CodeSet	C1	1602
	AccessedBy <AccsdBy>	[0..1]	Text		1603
	AdditionalInformation <AddtlInf>	[0..1]	Text		1603

26.4.2.4.4.11 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "[ResponseType11](#)" on page 1598 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1599
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1599
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1600

26.4.2.4.4.12 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 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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.

26.4.2.5 ReportGetTotalsResponse <RptGetTtlsRspn>

Presence: [0..1]

Definition: Content of the Get Totals Response message.

ReportGetTotalsResponse <RptGetTtlsRspn> contains the following **ReportGetTotalsResponse1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[1..1]	Text		953
	TransactionTotalsSet <TxTtlsSet>	[0..*]			953
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		955
	AcquirerIdentification <Acqrrld>	[0..1]	Text		955
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		955
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		955
	Brand <Brnd>	[0..1]	Text		955
	POIIdentification <POIID>	[0..1]	Text		955
	SaleIdentification <SaleId>	[0..1]	Text		956
	CashierIdentification <CshrlId>	[0..1]	Text		956
	ShiftNumber <ShftNb>	[0..1]	Text		956
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			956
	CommonName <CmonNm>	[1..1]	Text		956
	Address <Adr>	[0..1]	Text		956
	CountryCode <CtryCd>	[1..1]	CodeSet		956
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		957
	RegisteredIdentifier <RegldId>	[1..1]	Text		957
	TransactionTotal <TxTtl>	[1..1]			957
	POIGroupIdentification <POIGrpId>	[0..1]	Text		957
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		957
	Currency <Ccy>	[0..1]	CodeSet	C1	957
	Type <Tp>	[1..1]	CodeSet		958
	TotalNumber <TtlNb>	[1..1]	Quantity		958
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		958
	DetailedAmount <DtldAmt>	[0..1]	±		958
	LoyaltyTransactionTotal <LtyTxTtl>	[0..*]			959
	POIGroupIdentification <POIGrpId>	[0..1]	Text		959
	LoyaltyUnit <LtyUnit>	[0..1]	CodeSet		959
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		960
	Currency <Ccy>	[0..1]	CodeSet	C1	960

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		960
	TotalNumber <TtlNb>	[1..1]	Quantity		960
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		961
	DetailedAmount <DtldAmt>	[0..1]	±		961

26.4.2.5.1 POIRconciliationIdentification <POIRcncldId>

Presence: [1..1]

Definition: Identification of the reconciliation period between Sale and POI.

Datatype: "Max35Text" on page 1766

26.4.2.5.2 TransactionTotalsSet <TxTtlsSet>

Presence: [0..*]

Definition: Result of the Sale to POI Totals processing.

TransactionTotalsSet <TxTtlsSet> contains the following TransactionTotalsSet1 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		955
	AcquirerIdentification <Acqrrld>	[0..1]	Text		955
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		955
	SaleReconciliationIdentification <SaleRcncltnld>	[0..1]	Text		955
	Brand <Brnd>	[0..1]	Text		955
	POIIdentification <POIld>	[0..1]	Text		955
	SaleIdentification <Saleld>	[0..1]	Text		956
	CashierIdentification <Cshrlld>	[0..1]	Text		956
	ShiftNumber <ShftNb>	[0..1]	Text		956
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			956
	CommonName <CmonNm>	[1..1]	Text		956
	Address <Adr>	[0..1]	Text		956
	CountryCode <CtryCd>	[1..1]	CodeSet		956
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		957
	RegisteredIdentifier <Regldr>	[1..1]	Text		957
	TransactionTotal <TxTtl>	[1..1]			957
	POIGroupIdentification <POIGrpld>	[0..1]	Text		957
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		957
	Currency <Ccy>	[0..1]	CodeSet	C1	957
	Type <Tp>	[1..1]	CodeSet		958
	TotalNumber <TtlNb>	[1..1]	Quantity		958
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		958
	DetailedAmount <DtlldAmt>	[0..1]	±		958
	LoyaltyTransactionTotal <LtyTxTtl>	[0..*]			959
	POIGroupIdentification <POIGrpld>	[0..1]	Text		959
	LoyaltyUnit <LtyUnit>	[0..1]	CodeSet		959
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		960
	Currency <Ccy>	[0..1]	CodeSet	C1	960
	TransactionType <TxTp>	[1..1]	CodeSet		960
	TotalNumber <TtlNb>	[1..1]	Quantity		960
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		961

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		961

26.4.2.5.2.1 PaymentInstrumentType <PmtInstrmTp>*Presence:* [1..1]*Definition:* Type of payment instrument.*Datatype:* "PaymentInstrumentType1Code" on page 1743

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.

26.4.2.5.2.2 AcquirerIdentification <Acqrrld>*Presence:* [0..1]*Definition:* Identification of an Acquirer.*Datatype:* "Max35Text" on page 1766**26.4.2.5.2.3 ReconciliationIdentification <Rcncltnld>***Presence:* [0..1]*Definition:* Identifier of a host reconciliation period: acquirer for a payment or server for loyalty.*Datatype:* "Max35Text" on page 1766**26.4.2.5.2.4 SaleReconciliationIdentification <SaleRcncltnld>***Presence:* [0..1]*Definition:* Identifier of a reconciliation period on the sale system.*Datatype:* "Max35Text" on page 1766**26.4.2.5.2.5 Brand <Brnd>***Presence:* [0..1]*Definition:* Brand of payment card or loyalty system.*Datatype:* "Max35Text" on page 1766**26.4.2.5.2.6 POIIdentification <POIld>***Presence:* [0..1]*Definition:* Identifier of the POI system performing a reconciliation.*Datatype:* "Max35Text" on page 1766

26.4.2.5.2.7 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 1766**26.4.2.5.2.8 CashierIdentification <CshrlId>***Presence:* [0..1]*Definition:* Identification of the cashier who carried out the transactions.*Datatype:* "Max35Text" on page 1766**26.4.2.5.2.9 ShiftNumber <ShftNb>***Presence:* [0..1]*Definition:* Identifies the shift of the cashier.*Datatype:* "Max2NumericText" on page 1765**26.4.2.5.2.10 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		956
	Address <Adr>	[0..1]	Text		956
	CountryCode <CtryCd>	[1..1]	CodeSet		956
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		957
	RegisteredIdentifier <RegIdIdr>	[1..1]	Text		957

26.4.2.5.2.10.1 CommonName <CmonNm>*Presence:* [1..1]*Definition:* Name of the merchant.*Datatype:* "Max70Text" on page 1767**26.4.2.5.2.10.2 Address <Adr>***Presence:* [0..1]*Definition:* Location of the merchant.*Datatype:* "Max140Text" on page 1764**26.4.2.5.2.10.3 CountryCode <CtryCd>***Presence:* [1..1]*Definition:* Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 1733

26.4.2.5.2.10.4 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 1769

26.4.2.5.2.10.5 RegisteredIdentifier <Regdldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 1766

26.4.2.5.2.11 TransactionTotal <TxTtl>

Presence: [1..1]

Definition: Payment Transaction totals during the reconciliation period, for a certain type of transaction.

TransactionTotal <TxTtl> contains the following **TransactionTotals8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGrouplIdentification <POIGrpId>	[0..1]	Text		957
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		957
	Currency <Ccy>	[0..1]	CodeSet	C1	957
	Type <Tp>	[1..1]	CodeSet		958
	TotalNumber <TtlNb>	[1..1]	Quantity		958
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		958
	DetailedAmount <DtldAmt>	[0..1]	±		958

26.4.2.5.2.11.1 POIGrouplIdentification <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 1766

26.4.2.5.2.11.2 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 1766

26.4.2.5.2.11.3 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

26.4.2.5.2.11.4 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals3Code" on page 1756

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.
RESV	Reservation	Outstanding Reservation transactions.

26.4.2.5.2.11.5 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1762

26.4.2.5.2.11.6 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

26.4.2.5.2.11.7 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 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

26.4.2.5.2.12 LoyaltyTransactionTotal <LltyTxTtl>

Presence: [0..*]

Definition: Loyalty Transaction totals during the reconciliation period, for a certain type of transaction.

LoyaltyTransactionTotal <LltyTxTtl> contains the following **LoyaltyTransactionTotals1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		959
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		959
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		960
	Currency <Ccy>	[0..1]	CodeSet	C1	960
	TransactionType <TxTp>	[1..1]	CodeSet		960
	TotalNumber <TtlNb>	[1..1]	Quantity		960
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		961
	DetailedAmount <DtldAmt>	[0..1]	±		961

26.4.2.5.2.12.1 POIGrouplIdentification <POIGrpld>

Presence: [0..1]

Definition: Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

Datatype: "Max35Text" on page 1766

26.4.2.5.2.12.2 LoyaltyUnit <LltyUnit>

Presence: [0..1]

Definition: Unit of the amount, expressed in point or in a monetary value and a currency.

Datatype: "AmountUnit1Code" on page 1714

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.4.2.5.2.12.3 CardProductProfile <CardPdctPrfl>*Presence:* [0..1]*Definition:* Cards category related to the acceptance processing rules defined by the Loyalty provider.*Datatype:* "Max35Text" on page 1766**26.4.2.5.2.12.4 Currency <Ccy>***Presence:* [0..1]*Definition:* Currency associated with the transaction totals.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

26.4.2.5.2.12.5 TransactionType <TxTp>*Presence:* [1..1]*Definition:* Type of Loyalty transaction for Report.*Datatype:* "LoyaltyTypeTransactionTotals1Code" on page 1736

CodeName	Name	Definition
AWRD	Award	Direct or payment related award on a loyalty account. Award alone, award associated to a payment (may be with an additional award alone), award because of a payment resulting on rebates.
REBA	Rebate	Rebate on a total amount, sale item amount, or sale items.
REDE	Redemption	Redemption on a loyalty account.
AWRR	ReverseAward	Refund of a loyalty award transaction.
REBR	ReverseRebate	Refund of a loyalty rebate transaction.
REDR	ReverseRedemption	Refund of a loyalty redemption transaction.

26.4.2.5.2.12.6 TotalNumber <TtlNb>*Presence:* [1..1]*Definition:* Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1762

26.4.2.5.2.12.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

26.4.2.5.2.12.8 DetailedAmount <DtldAmt>

Presence: [0..1]

Definition: Detailed amounts associated with the total amount of transactions.

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

26.4.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 1598 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1599
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1599
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1600

26.4.2.7 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 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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.

26.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 1685 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

27 caaa.026.001.01

AcceptorToAcquirerBatchFileExchangeV01

27.1 MessageDefinition Functionality

The AcceptorToAcquirerBatchFileExchangemessage is sent by an acceptor (or its agent) to the acquirer (or its agent), to send a batch of request.

Outline

The AcceptorToAcquirerBatchFileExchangeV01 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

AcceptorToAcquirerBatchFileExchange message management information.

B. BodyElement

Record of an exchange to an Acquirer.

C. SecurityTrailer

Trailer of the message containing a MAC or a signature.

27.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrToAcqrrBtchFileXchg>	[1..1]			
	Header <Hdr>	[1..1]			972
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		972
	FormatVersion <FrmtVrsn>	[1..1]	Text		972
	ExchangeIdentification <XchgId>	[1..1]	Quantity		972
	CreationDateTime <CreDtTm>	[1..1]	DateTime		973
	InitiatingParty <InitgPty>	[1..1]	±		973
	RecipientParty <RcptPty>	[0..1]	±		973
	BodyElement <BodyElmt>	[1..*]			974
	CompletionAdvice <CmpltnAdvc>	[0..1]			982
	Environment <Envnt>	[1..1]	±		987
	Context <Cntxt>	[0..1]	±		993
	Transaction <Tx>	[1..1]			996
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1001
	TransactionType <TxTp>	[0..1]	CodeSet		1001
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1002
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1003
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1003
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1003
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1003
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1003
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1004
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1004
	TransactionIdentification <TxId>	[1..1]	±		1004
	OriginalTransaction <OrgnlTx>	[0..1]	±		1004
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1005
	Reversal <Rvs/>	[0..1]	Indicator		1005
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		1006
	FailureReason <FailrRsn>	[0..*]	CodeSet		1006
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1006

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1007
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1007
	InterchangeData <IntrchgData>	[0..1]	Text		1007
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1007
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1007
	TransactionDetails <TxDtIs>	[1..1]			1007
	Currency <Ccy>	[0..1]	CodeSet	C1	1010
	TotalAmount <TtlAmt>	[1..1]	Amount		1010
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1010
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1010
	DetailedAmount <DtldAmt>	[0..1]	±		1010
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1011
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1011
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1011
	ValidityDate <VldtyDt>	[0..1]	Date		1011
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1011
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1012
	AccountType <AcctTp>	[0..1]	CodeSet		1012
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1013
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1015
	Conversion <Convs>	[0..1]			1015
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1017
	TargetCurrency <TrgtCcy>	[1..1]			1017
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1017
	NumericCode <NmrcCd>	[1..1]	Text		1017
	Decimal <Dcml>	[1..1]	Quantity		1017
	Name <Nm>	[0..1]	Text		1017
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1018
	ExchangeRate <XchgRate>	[1..1]	Rate		1018
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1018
	QuotationDate <QtnDt>	[0..1]	DateTime		1018

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		1018
	ValidUntil <VldUntil>	[0..1]	DateTime		1018
	SourceCurrency <SrcCcy>	[1..1]			1018
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1019
	NumericCode <NmrcCd>	[0..1]	Text		1019
	Decimal <Dcml>	[0..1]	Quantity		1019
	Name <Nm>	[0..1]	Text		1019
	ApplicableBinRange <AplblBinRg>	[0..*]			1019
	LowerBin <LwrBin>	[1..1]	Text		1020
	HigherBin <HghrBin>	[1..1]	Text		1020
	OriginalAmount <OrgnlAmt>	[0..1]			1020
	ActualAmount <ActlAmt>	[0..1]	Amount		1020
	MinimumAmount <MinAmt>	[0..1]	Amount		1020
	MaximumAmount <MaxAmt>	[0..1]	Amount		1020
	CommissionDetails <ComssnDtls>	[0..*]			1021
	Amount <Amt>	[1..1]	Amount		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	MarkUpDetails <MrkUpDtls>	[0..*]			1021
	Rate <Rate>	[1..1]	Rate		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1021
	Instalment <Instlmt>	[0..*]	±		1022
	Recurring <Rcrng>	[0..1]	±		1023
	AggregationTransaction <AggtnTx>	[0..1]	±		1024
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1024
	SaleItem <Saleitm>	[0..*]	±		1024
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1025
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1025
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1025
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1025
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1026

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			1026
	Identification <Id>	[1..1]	Text		1026
	Value <Val>	[0..1]	Binary		1026
	ProtectedValue <PrctcdVal>	[0..1]	±		1026
	Type <Tp>	[0..1]	Text		1027
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1027
	AuthorisationResult <AuthstnRslt>	[0..1]			1027
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1027
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1028
	Response <Rspn>	[1..1]	CodeSet		1028
	ResponseReason <RspnRsn>	[0..1]	Text		1028
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1029
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1029
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1029
	AccountFrom <AcctFr>	[0..1]			1029
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1030
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1031
	AccountName <AcctNm>	[0..1]	Text		1031
	AccountOwner <AcctOwnr>	[0..1]			1032
	Name <Nm>	[1..1]	Text		1032
	Address <Adr>	[1..1]	±		1032
	Currency <Ccy>	[0..1]	CodeSet	C1	1032
	AccountIdentifier <AcctIdr>	[0..1]			1033
{Or	Card <Card>	[1..1]	Text		1033
Or	MSISDN <MSISDN>	[1..1]	Text		1033
Or	EMail <EMail>	[1..1]	Text		1033
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1033
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1034
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1034
Or	Domestic <Dmst>	[1..1]	Text		1034
Or}	Other <Othr>	[1..1]	Text		1034

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Servicer <Svcr>	[0..1]			1034
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1035
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1035
	AccountTo <AcctTo>	[0..1]			1035
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1036
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1037
	AccountName <AcctNm>	[0..1]	Text		1037
	AccountOwner <AcctOwnr>	[0..1]			1038
	Name <Nm>	[1..1]	Text		1038
	Address <Adr>	[1..1]	±		1038
	Currency <Ccy>	[0..1]	CodeSet	C1	1038
	AccountIdentifier <AcctIdr>	[0..1]			1039
{Or	Card <Card>	[1..1]	Text		1039
Or	MSISDN <MSISDN>	[1..1]	Text		1039
Or	EMail <EMail>	[1..1]	Text		1039
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1039
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1040
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1040
Or	Domestic <Dmst>	[1..1]	Text		1040
Or}	Other <Othr>	[1..1]	Text		1040
	Servicer <Svcr>	[0..1]			1040
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1041
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1041
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1041
	SupplementaryData <SplmtryData>	[0..*]	±	C6	1041
	CancellationAdvice <CxlAdvc>	[0..1]			1042
	Environment <Envnt>	[1..1]	±		1044
	Context <Cntxt>	[0..1]	±		1050
	Transaction <Tx>	[1..1]			1053
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1055
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1055

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1055
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1055
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1055
	TransactionIdentification <TxId>	[1..1]	±		1055
	OriginalTransaction <OrgnlTx>	[0..1]	±		1056
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1056
	Reversal <Rvsl>	[0..1]	Indicator		1057
	FailureReason <FailrRsn>	[0..*]	CodeSet		1057
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1057
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1058
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1058
	InterchangeData <IntrchnngData>	[0..1]	Text		1058
	TransactionDetails <TxDtls>	[1..1]			1058
	Currency <Ccy>	[0..1]	CodeSet	C1	1058
	TotalAmount <TtlAmt>	[1..1]	Amount		1059
	ValidityDate <VldtyDt>	[0..1]	Date		1059
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1059
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1059
	AuthorisationResult <AuthstnRslt>	[0..1]			1059
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1060
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1060
	Response <Rspn>	[1..1]	CodeSet		1061
	ResponseReason <RspnRsn>	[0..1]	Text		1061
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1061
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1061
	TMSTrigger <TMSTrggr>	[0..1]			1061
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1061
	TMSIdentification <TMSId>	[0..1]	Text		1062
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1062
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1062
	BatchTransfer <BtchTrf>	[0..1]			1062

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			1064
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1064
	CardBrand <CardBrnd>	[0..1]	Text		1065
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1065
	Currency <Ccy>	[0..1]	CodeSet	C1	1065
	Type <Tp>	[1..1]	CodeSet		1065
	TotalNumber <TtlNb>	[1..1]	Quantity		1065
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1066
	DataSet <DataSet>	[0..*]			1066
	DataSetIdentification <DataSetId>	[1..1]			1068
	Name <Nm>	[1..1]	Text		1068
	Type <Tp>	[1..1]	CodeSet		1068
	Version <Vrsn>	[0..1]	Text		1069
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1069
	Traceability <Tracblt>	[0..*]	±		1069
	DataSetInitiator <DataSetInitr>	[0..1]	±		1069
	TransactionTotals <TxTtls>	[1..*]			1070
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1070
	CardBrand <CardBrnd>	[0..1]	Text		1070
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1070
	Currency <Ccy>	[0..1]	CodeSet	C1	1071
	Type <Tp>	[1..1]	CodeSet		1071
	TotalNumber <TtlNb>	[1..1]	Quantity		1071
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1071
	CommonData <CmonData>	[0..1]			1071
	Environment <Envt>	[0..1]	±		1072
	Context <Cntxt>	[0..1]	±		1078
	TransactionType <TxTp>	[0..1]	CodeSet		1081
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1081
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1082
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1082

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1083
	Currency <Ccy>	[0..1]	CodeSet	C1	1083
	Transaction <Tx>	[1..*]			1083
{Or	Completion <Cmpltn>	[1..1]	±		1083
Or	Cancellation <Cxl>	[1..1]	±		1089
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1091
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1096
Or	TokenRequest <TknReq>	[1..1]			1101
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1101
	Environment <Envt>	[1..1]	±		1101
Or}	TokenResponse <TknRspn>	[1..1]			1107
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1107
	Environment <Envt>	[1..1]	±		1107
	SecurityTrailer <SctyTrlr>	[0..1]	±		1114

27.3 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 CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

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.

27.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

27.4.1 Header <Hdr>

Presence: [1..1]

Definition: AcceptorToAcquirerBatchFileExchange message management information.

Header <Hdr> contains the following **Header56** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		972
	FormatVersion <FrmtVrsn>	[1..1]	Text		972
	Exchangeldentification <Xchgld>	[1..1]	Quantity		972
	CreationDateTime <CreDtTm>	[1..1]	DateTime		973
	InitiatingParty <InitgPty>	[1..1]	±		973
	RecipientParty <RcptPty>	[0..1]	±		973

27.4.1.1 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 1761):

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

27.4.1.2 FormatVersion <FrmtVrsn>

Presence: [1..1]

Definition: Version of file format.

Datatype: ["Max6Text"](#) on page 1767

27.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number"](#) on page 1762

27.4.1.4 CreationDateTime <CreDtTm>*Presence:* [1..1]*Definition:* Date and time at which the file or message was created.*Datatype:* "ISODateTime" on page 1759**27.4.1.5 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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

27.4.1.6 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

27.4.2 BodyElement <BodyElmt>

Presence: [1..*]

Definition: Record of an exchange to an Acquirer.

BodyElement <BodyElmt> contains the following **AcceptorToAcquirerFileBody1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionAdvice <CmpltnAdv<	[0..1]			982
	Environment <Envt>	[1..1]	±		987
	Context <Cntxt>	[0..1]	±		993
	Transaction <Tx>	[1..1]			996
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1001
	TransactionType <TxTp>	[0..1]	CodeSet		1001
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1002
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1003
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1003
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1003
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1003
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1003
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1004
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1004
	TransactionIdentification <TxId>	[1..1]	±		1004
	OriginalTransaction <OrgnlTx>	[0..1]	±		1004
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1005
	Reversal <Rvs/>	[0..1]	Indicator		1005
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1006
	FailureReason <FailrRsn>	[0..*]	CodeSet		1006
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1006
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1007
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1007
	InterchangeData <IntrchgData>	[0..1]	Text		1007
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1007
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1007
	TransactionDetails <TxDtls>	[1..1]			1007
	Currency <Ccy>	[0..1]	CodeSet	C1	1010
	TotalAmount <TtlAmt>	[1..1]	Amount		1010
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1010
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		1010
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1011
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1011
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1011
	ValidityDate <VldtyDt>	[0..1]	Date		1011
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1011
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1012
	AccountType <AcctTp>	[0..1]	CodeSet		1012
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1013
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		1015
	Conversion <Convs>	[0..1]			1015
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1017
	TargetCurrency <TrgtCcy>	[1..1]			1017
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1017
	NumericCode <NmrcCd>	[1..1]	Text		1017
	Decimal <Dcml>	[1..1]	Quantity		1017
	Name <Nm>	[0..1]	Text		1017
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1018
	ExchangeRate <XchgRate>	[1..1]	Rate		1018
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1018
	QuotationDate <QtnDt>	[0..1]	DateTime		1018
	ValidFrom <VldFr>	[0..1]	DateTime		1018
	ValidUntil <VldUntil>	[0..1]	DateTime		1018
	SourceCurrency <SrcCcy>	[1..1]			1018
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1019
	NumericCode <NmrcCd>	[0..1]	Text		1019
	Decimal <Dcml>	[0..1]	Quantity		1019
	Name <Nm>	[0..1]	Text		1019
	ApplicableBinRange <AplblBinRg>	[0..*]			1019
	LowerBin <LwrBin>	[1..1]	Text		1020
	HigherBin <HghrBin>	[1..1]	Text		1020

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			1020
	ActualAmount <ActlAmt>	[0..1]	Amount		1020
	MinimumAmount <MinAmt>	[0..1]	Amount		1020
	MaximumAmount <MaxAmt>	[0..1]	Amount		1020
	CommissionDetails <ComssnDtls>	[0..*]			1021
	Amount <Amt>	[1..1]	Amount		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	MarkUpDetails <MrkUpDtls>	[0..*]			1021
	Rate <Rate>	[1..1]	Rate		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	DeclarationDetails <DclrtDtls>	[0..*]	±		1021
	Instalment <Instlmt>	[0..*]	±		1022
	Recurring <Rcrng>	[0..1]	±		1023
	AggregationTransaction <AggtnTx>	[0..1]	±		1024
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1024
	SaleItem <Saleitm>	[0..*]	±		1024
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1025
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1025
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1025
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1025
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1026
	AdditionalInformation <AddtlInf>	[0..*]			1026
	Identification <Id>	[1..1]	Text		1026
	Value <Val>	[0..1]	Binary		1026
	ProtectedValue <PrctcdVal>	[0..1]	±		1026
	Type <Tp>	[0..1]	Text		1027
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1027
	AuthorisationResult <AuthstnRslt>	[0..1]			1027
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1027
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1028
	Response <Rspn>	[1..1]	CodeSet		1028

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		1028
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1029
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1029
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1029
	AccountFrom <AcctFr>	[0..1]			1029
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1030
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1031
	AccountName <AcctNm>	[0..1]	Text		1031
	AccountOwner <AcctOwnr>	[0..1]			1032
	Name <Nm>	[1..1]	Text		1032
	Address <Adr>	[1..1]	±		1032
	Currency <Ccy>	[0..1]	CodeSet	C1	1032
	AccountIdentifier <AcctIdr>	[0..1]			1033
{Or	Card <Card>	[1..1]	Text		1033
Or	MSISDN <MSISDN>	[1..1]	Text		1033
Or	EMail <EMail>	[1..1]	Text		1033
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1033
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1034
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1034
Or	Domestic <Dmst>	[1..1]	Text		1034
Or}	Other <Othr>	[1..1]	Text		1034
	Servicer <Svcr>	[0..1]			1034
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1035
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1035
	AccountTo <AcctTo>	[0..1]			1035
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1036
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1037
	AccountName <AcctNm>	[0..1]	Text		1037
	AccountOwner <AcctOwnr>	[0..1]			1038
	Name <Nm>	[1..1]	Text		1038
	Address <Adr>	[1..1]	±		1038

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1038
	AccountIdentifier <AcctIdr>	[0..1]			1039
{Or	Card <Card>	[1..1]	Text		1039
Or	MSISDN <MSISDN>	[1..1]	Text		1039
Or	EMail <EMail>	[1..1]	Text		1039
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1039
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1040
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1040
Or	Domestic <Dmst>	[1..1]	Text		1040
Or}	Other <Othr>	[1..1]	Text		1040
	Servicer <Svcr>	[0..1]			1040
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1041
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1041
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1041
	SupplementaryData <SplmtryData>	[0..*]	±	C6	1041
	CancellationAdvice <CxlAdv>	[0..1]			1042
	Environment <Env>	[1..1]	±		1044
	Context <Cntxt>	[0..1]	±		1050
	Transaction <Tx>	[1..1]			1053
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1055
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1055
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1055
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1055
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1055
	TransactionIdentification <TxId>	[1..1]	±		1055
	OriginalTransaction <OrgnlTx>	[0..1]	±		1056
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1056
	Reversal <Rvs/>	[0..1]	Indicator		1057
	FailureReason <FailrRsn>	[0..*]	CodeSet		1057
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1057
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1058
	InterchangeData <IntrchnngData>	[0..1]	Text		1058
	TransactionDetails <TxDtls>	[1..1]			1058
	Currency <Ccy>	[0..1]	CodeSet	C1	1058
	TotalAmount <TtlAmt>	[1..1]	Amount		1059
	ValidityDate <VldtyDt>	[0..1]	Date		1059
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1059
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1059
	AuthorisationResult <AuthstnRslt>	[0..1]			1059
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1060
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1060
	Response <Rspn>	[1..1]	CodeSet		1061
	ResponseReason <RspnRsn>	[0..1]	Text		1061
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1061
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1061
	TMSTrigger <TMSTrggr>	[0..1]			1061
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1061
	TMSIdentification <TMSId>	[0..1]	Text		1062
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1062
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1062
	BatchTransfer <BtchTrf>	[0..1]			1062
	TransactionTotals <TxTtls>	[0..*]			1064
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1064
	CardBrand <CardBrnd>	[0..1]	Text		1065
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1065
	Currency <Ccy>	[0..1]	CodeSet	C1	1065
	Type <Tp>	[1..1]	CodeSet		1065
	TotalNumber <TtlNb>	[1..1]	Quantity		1065
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1066
	DataSet <DataSet>	[0..*]			1066
	DataSetIdentification <DataSetId>	[1..1]			1068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1068
	Type <Tp>	[1..1]	CodeSet		1068
	Version <Vrsn>	[0..1]	Text		1069
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1069
	Traceability <Tracblt>	[0..*]	±		1069
	DataSetInitiator <DataSetInitr>	[0..1]	±		1069
	TransactionTotals <TxTtls>	[1..*]			1070
	POIGrouplIdentification <POIGrpId>	[0..1]	Text		1070
	CardBrand <CardBrnd>	[0..1]	Text		1070
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1070
	Currency <Ccy>	[0..1]	CodeSet	C1	1071
	Type <Tp>	[1..1]	CodeSet		1071
	TotalNumber <TtlNb>	[1..1]	Quantity		1071
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1071
	CommonData <CmonData>	[0..1]			1071
	Environment <Envt>	[0..1]	±		1072
	Context <Cntxt>	[0..1]	±		1078
	TransactionType <TxTp>	[0..1]	CodeSet		1081
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1081
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1082
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1082
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1083
	Currency <Ccy>	[0..1]	CodeSet	C1	1083
	Transaction <Tx>	[1..*]			1083
{Or	Completion <Cmpltn>	[1..1]	±		1083
Or	Cancellation <Cxl>	[1..1]	±		1089
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1091
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1096
Or	TokenRequest <TknReq>	[1..1]			1101
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1101
	Environment <Envt>	[1..1]	±		1101

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	TokenResponse <TknRspn>	[1..1]			1107
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1107
	Environment <Envt>	[1..1]	±		1107

27.4.2.1 CompletionAdvice <CmpltnAdv<

Presence: [0..1]

Definition: Information related to the completion advice.

CompletionAdvice <CmpltnAdvc> contains the following **AcceptorCompletionAdvice13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		987
	Context <Cntxt>	[0..1]	±		993
	Transaction <Tx>	[1..1]			996
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1001
	TransactionType <TxTp>	[0..1]	CodeSet		1001
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1002
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1003
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1003
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1003
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1003
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1003
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1004
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		1004
	TransactionIdentification <Txld>	[1..1]	±		1004
	OriginalTransaction <OrgnlTx>	[0..1]	±		1004
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1005
	Reversal <Rvsl>	[0..1]	Indicator		1005
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1006
	FailureReason <FailrRsn>	[0..*]	CodeSet		1006
	InitiatorTransactionIdentification <InitrTxld>	[0..1]	Text		1006
	RecipientTransactionIdentification <RcptTxld>	[0..1]	Text		1007
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1007
	InterchangeData <IntrchnngData>	[0..1]	Text		1007
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1007
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1007
	TransactionDetails <TxDtls>	[1..1]			1007
	Currency <Ccy>	[0..1]	CodeSet	C1	1010
	TotalAmount <TtlAmt>	[1..1]	Amount		1010
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1010
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1010
	DetailedAmount <DtldAmt>	[0..1]	±		1010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1011
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1011
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1011
	ValidityDate <VldtyDt>	[0..1]	Date		1011
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1011
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1012
	AccountType <AcctTp>	[0..1]	CodeSet		1012
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1013
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		1015
	Conversion <Convs>	[0..1]			1015
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1017
	TargetCurrency <TrgtCcy>	[1..1]			1017
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1017
	NumericCode <NmrcCd>	[1..1]	Text		1017
	Decimal <Dcml>	[1..1]	Quantity		1017
	Name <Nm>	[0..1]	Text		1017
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1018
	ExchangeRate <XchgRate>	[1..1]	Rate		1018
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1018
	QuotationDate <QtnDt>	[0..1]	DateTime		1018
	ValidFrom <VldFr>	[0..1]	DateTime		1018
	ValidUntil <VldUntil>	[0..1]	DateTime		1018
	SourceCurrency <SrcCcy>	[1..1]			1018
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1019
	NumericCode <NmrcCd>	[0..1]	Text		1019
	Decimal <Dcml>	[0..1]	Quantity		1019
	Name <Nm>	[0..1]	Text		1019
	ApplicableBinRange <AplblBinRg>	[0..*]			1019
	LowerBin <LwrBin>	[1..1]	Text		1020
	HigherBin <HghrBin>	[1..1]	Text		1020
	OriginalAmount <OrgnlAmt>	[0..1]			1020

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1020
	MinimumAmount <MinAmt>	[0..1]	Amount		1020
	MaximumAmount <MaxAmt>	[0..1]	Amount		1020
	CommissionDetails <ComssnDtls>	[0..*]			1021
	Amount <Amt>	[1..1]	Amount		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	MarkUpDetails <MrkUpDtls>	[0..*]			1021
	Rate <Rate>	[1..1]	Rate		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1021
	Instalment <Instlmt>	[0..*]	±		1022
	Recurring <Rcrng>	[0..1]	±		1023
	AggregationTransaction <AggtnTx>	[0..1]	±		1024
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1024
	SaleItem <Saleitm>	[0..*]	±		1024
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1025
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1025
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1025
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1025
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1026
	AdditionalInformation <AddtlInf>	[0..*]			1026
	Identification <Id>	[1..1]	Text		1026
	Value <Val>	[0..1]	Binary		1026
	ProtectedValue <PrctdVal>	[0..1]	±		1026
	Type <Tp>	[0..1]	Text		1027
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1027
	AuthorisationResult <AuthstnRslt>	[0..1]			1027
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1027
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1028
	Response <Rspn>	[1..1]	CodeSet		1028
	ResponseReason <RspnRsn>	[0..1]	Text		1028

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1029
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1029
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1029
	AccountFrom <AcctFr>	[0..1]			1029
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1030
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1031
	AccountName <AcctNm>	[0..1]	Text		1031
	AccountOwner <AcctOwnr>	[0..1]			1032
	Name <Nm>	[1..1]	Text		1032
	Address <Adr>	[1..1]	±		1032
	Currency <Ccy>	[0..1]	CodeSet	C1	1032
	AccountIdentifier <AcctIdr>	[0..1]			1033
{Or	Card <Card>	[1..1]	Text		1033
Or	MSISDN <MSISDN>	[1..1]	Text		1033
Or	EMail <EMail>	[1..1]	Text		1033
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1033
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1034
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1034
Or	Domestic <Dmst>	[1..1]	Text		1034
Or}	Other <Othr>	[1..1]	Text		1034
	Servicer <Svcr>	[0..1]			1034
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1035
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1035
	AccountTo <AcctTo>	[0..1]			1035
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1036
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1037
	AccountName <AcctNm>	[0..1]	Text		1037
	AccountOwner <AcctOwnr>	[0..1]			1038
	Name <Nm>	[1..1]	Text		1038
	Address <Adr>	[1..1]	±		1038
	Currency <Ccy>	[0..1]	CodeSet	C1	1038

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountIdentifier <AcctIdr>	[0..1]			1039
{Or	Card <Card>	[1..1]	Text		1039
Or	MSISDN <MSISDN>	[1..1]	Text		1039
Or	EMail <EMail>	[1..1]	Text		1039
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1039
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1040
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1040
Or	Domestic <Dmst>	[1..1]	Text		1040
Or}	Other <Othr>	[1..1]	Text		1040
	Servicer <Svcr>	[0..1]			1040
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1041
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1041
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1041
	SupplementaryData <SplmtryData>	[0..*]	±	C6	1041

27.4.2.1.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

27.4.2.1.2 Context <Cntxt>

Presence: [0..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

27.4.2.1.3 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following CardPaymentTransaction135 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1001
	TransactionType <TxTp>	[0..1]	CodeSet		1001
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1002
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1003
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1003
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1003
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1003
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1003
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1004
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1004
	TransactionIdentification <TxId>	[1..1]	±		1004
	OriginalTransaction <OrgnlTx>	[0..1]	±		1004
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1005
	Reversal <Rvsl>	[0..1]	Indicator		1005
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1006
	FailureReason <FailRsn>	[0..*]	CodeSet		1006
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1006
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1007
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1007
	InterchangeData <IntrchnngData>	[0..1]	Text		1007
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1007
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1007
	TransactionDetails <TxDtls>	[1..1]			1007
	Currency <Ccy>	[0..1]	CodeSet	C1	1010
	TotalAmount <TtlAmt>	[1..1]	Amount		1010
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1010
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1010
	DetailedAmount <DtlAmt>	[0..1]	±		1010
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1011
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1011
	InvoiceAmount <InvAmt>	[0..1]	Amount		1011

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1011
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1011
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1012
	AccountType <AcctTp>	[0..1]	CodeSet		1012
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1013
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1015
	Conversion <Convs>	[0..1]			1015
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1017
	TargetCurrency <TrgtCcy>	[1..1]			1017
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1017
	NumericCode <NmrcCd>	[1..1]	Text		1017
	Decimal <Dcml>	[1..1]	Quantity		1017
	Name <Nm>	[0..1]	Text		1017
	ResultingAmount <RsltAmt>	[0..1]	Amount		1018
	ExchangeRate <XchgRate>	[1..1]	Rate		1018
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		1018
	QuotationDate <QtnDt>	[0..1]	DateTime		1018
	ValidFrom <VldFr>	[0..1]	DateTime		1018
	ValidUntil <VldUntil>	[0..1]	DateTime		1018
	SourceCurrency <SrcCcy>	[1..1]			1018
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1019
	NumericCode <NmrcCd>	[0..1]	Text		1019
	Decimal <Dcml>	[0..1]	Quantity		1019
	Name <Nm>	[0..1]	Text		1019
	ApplicableBinRange <AplblBinRng>	[0..*]			1019
	LowerBin <LwrBin>	[1..1]	Text		1020
	HigherBin <HghrBin>	[1..1]	Text		1020
	OriginalAmount <OrgnlAmt>	[0..1]			1020
	ActualAmount <ActlAmt>	[0..1]	Amount		1020
	MinimumAmount <MinAmt>	[0..1]	Amount		1020
	MaximumAmount <MaxAmt>	[0..1]	Amount		1020

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1021
	Amount <Amt>	[1..1]	Amount		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	MarkUpDetails <MrkUpDtls>	[0..*]			1021
	Rate <Rate>	[1..1]	Rate		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1021
	Instalment <Instlmt>	[0..*]	±		1022
	Recurring <Rcrng>	[0..1]	±		1023
	AggregationTransaction <AggtnTx>	[0..1]	±		1024
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1024
	SaleItem <Saleitm>	[0..*]	±		1024
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1025
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1025
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1025
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1025
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1026
	AdditionalInformation <AddtlInf>	[0..*]			1026
	Identification <Id>	[1..1]	Text		1026
	Value <Val>	[0..1]	Binary		1026
	ProtectedValue <PrctcdVal>	[0..1]	±		1026
	Type <Tp>	[0..1]	Text		1027
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1027
	AuthorisationResult <AuthstnRslt>	[0..1]			1027
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1027
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1028
	Response <Rspn>	[1..1]	CodeSet		1028
	ResponseReason <RspnRsn>	[0..1]	Text		1028
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1029
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1029
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1029

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			1029
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1030
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1031
	AccountName <AcctNm>	[0..1]	Text		1031
	AccountOwner <AcctOwnr>	[0..1]			1032
	Name <Nm>	[1..1]	Text		1032
	Address <Adr>	[1..1]	±		1032
	Currency <Ccy>	[0..1]	CodeSet	C1	1032
	AccountIdentifier <AcctIdr>	[0..1]			1033
{Or	Card <Card>	[1..1]	Text		1033
Or	MSISDN <MSISDN>	[1..1]	Text		1033
Or	EMail <EMail>	[1..1]	Text		1033
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1033
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1034
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1034
Or	Domestic <Dmst>	[1..1]	Text		1034
Or}	Other <Othr>	[1..1]	Text		1034
	Servicer <Svcr>	[0..1]			1034
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1035
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1035
	AccountTo <AcctTo>	[0..1]			1035
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1036
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1037
	AccountName <AcctNm>	[0..1]	Text		1037
	AccountOwner <AcctOwnr>	[0..1]			1038
	Name <Nm>	[1..1]	Text		1038
	Address <Adr>	[1..1]	±		1038
	Currency <Ccy>	[0..1]	CodeSet	C1	1038
	AccountIdentifier <AcctIdr>	[0..1]			1039
{Or	Card <Card>	[1..1]	Text		1039
Or	MSISDN <MSISDN>	[1..1]	Text		1039

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	E Mail <EMail>	[1..1]	Text		1039
Or	I BAN <IBAN>	[1..1]	IdentifierSet	C5	1039
Or	B BAN <BBAN>	[1..1]	IdentifierSet		1040
Or	U PIC <UPIC>	[1..1]	IdentifierSet		1040
Or	D omestic <Dmst>	[1..1]	Text		1040
Or}	O ther <Othr>	[1..1]	Text		1040
	S ervicer <Svcr>	[0..1]			1040
{Or	A nyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1041
Or}	P roprietaryIdentification <PrtryId>	[1..1]	±		1041
	A dditionalTransactionData <AddtlTxData>	[0..*]	Text		1041

27.4.2.1.3.1 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 1761):

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

27.4.2.1.3.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: "CardPaymentServiceType12Code" on page 1723

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.

CodeName	Name	Definition
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.

27.4.2.1.3.3 AdditionalService <AddtlSvc>*Presence:* [0..*]*Definition:* Service in addition to the main service.*Datatype:* "CardPaymentServiceType9Code" on page 1725

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.

27.4.2.1.3.4 ServiceAttribute <SvcAttr>*Presence:* [0..1]*Definition:* Additional attribute of the service type.*Datatype:* "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

27.4.2.1.3.5 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 1761):

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

27.4.2.1.3.6 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 1769**27.4.2.1.3.7 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 1761):

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

27.4.2.1.3.8 CardProgrammeProposed <CardPrgrmmPropsd>*Presence:* [0..*]*Definition:* Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.*Datatype:* "Max35Text" on page 1766

27.4.2.1.3.9 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

Definition: Specifies 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 1766

27.4.2.1.3.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

27.4.2.1.3.11 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

27.4.2.1.3.12 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1438 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIID>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

27.4.2.1.3.13 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 1761):

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

27.4.2.1.3.14 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 1761):

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

27.4.2.1.3.15 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 1761):

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

27.4.2.1.3.16 FailureReason <FailrRsn>*Presence:* [0..*]*Definition:* List of incidents during the transaction.*Datatype:* "FailureReason3Code" on page 1730

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.

27.4.2.1.3.17 InitiatorTransactionIdentification <InitrTxld>*Presence:* [0..1]*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.*Datatype:* "Max35Text" on page 1766

27.4.2.1.3.18 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1764

27.4.2.1.3.19 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 1766

27.4.2.1.3.20 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1764

27.4.2.1.3.21 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

27.4.2.1.3.22 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

27.4.2.1.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1010
	TotalAmount <TtlAmt>	[1..1]	Amount		1010
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1010
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1010
	DetailedAmount <DtldAmt>	[0..1]	±		1010
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1011
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1011
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1011
	ValidityDate <VldtyDt>	[0..1]	Date		1011
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1011
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1012
	AccountType <AcctTp>	[0..1]	CodeSet		1012
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1013
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1015
	Conversion <Convs>	[0..1]			1015
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1017
	TargetCurrency <TrgtCcy>	[1..1]			1017
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1017
	NumericCode <NmrcCd>	[1..1]	Text		1017
	Decimal <Dcml>	[1..1]	Quantity		1017
	Name <Nm>	[0..1]	Text		1017
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1018
	ExchangeRate <XchgRate>	[1..1]	Rate		1018
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1018
	QuotationDate <QtnDt>	[0..1]	DateTime		1018
	ValidFrom <VldFr>	[0..1]	DateTime		1018
	ValidUntil <VldUntil>	[0..1]	DateTime		1018
	SourceCurrency <SrcCcy>	[1..1]			1018
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1019
	NumericCode <NmrcCd>	[0..1]	Text		1019
	Decimal <Dcml>	[0..1]	Quantity		1019

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1019
	ApplicableBinRange <AplblBinRg>	[0..*]			1019
	LowerBin <LwrBin>	[1..1]	Text		1020
	HigherBin <HghrBin>	[1..1]	Text		1020
	OriginalAmount <OrgnlAmt>	[0..1]			1020
	ActualAmount <ActlAmt>	[0..1]	Amount		1020
	MinimumAmount <MinAmt>	[0..1]	Amount		1020
	MaximumAmount <MaxAmt>	[0..1]	Amount		1020
	CommissionDetails <ComssnDtls>	[0..*]			1021
	Amount <Amt>	[1..1]	Amount		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	MarkUpDetails <MrkUpDtls>	[0..*]			1021
	Rate <Rate>	[1..1]	Rate		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1021
	Instalment <Instlmt>	[0..*]	±		1022
	Recurring <Rcrng>	[0..1]	±		1023
	AggregationTransaction <AggtTx>	[0..1]	±		1024
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1024
	SaleItem <Saleitm>	[0..*]	±		1024
	DeliveryLocation <DivryLctn>	[0..1]	Text		1025
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1025
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1025
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1025
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1026
	AdditionalInformation <AddtlInf>	[0..*]			1026
	Identification <Id>	[1..1]	Text		1026
	Value <Val>	[0..1]	Binary		1026
	ProtectedValue <PrctcdVal>	[0..1]	±		1026
	Type <Tp>	[0..1]	Text		1027
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1027

27.4.2.1.3.23.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

27.4.2.1.3.23.2 TotalAmount <TtlAmt>*Presence:* [1..1]*Definition:* Total amount of the transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**27.4.2.1.3.23.3 CumulativeAmount <CmltvAmt>***Presence:* [0..1]*Definition:* Contains the updated amount of all authorisations related to the same business transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**27.4.2.1.3.23.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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.
RESD	Reserved	Reserved or updated reserved amount for reservation.

27.4.2.1.3.23.5 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 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

27.4.2.1.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

27.4.2.1.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

27.4.2.1.3.23.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

27.4.2.1.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

27.4.2.1.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

27.4.2.1.3.23.11 UnattendedLevelCategory <UattnddLvICtgy>*Presence:* [0..1]*Definition:* Transaction category level on an unattended POI (Point Of Interaction).*Datatype:* "Max35NumericText" on page 1766**27.4.2.1.3.23.12 AccountType <AcctTp>***Presence:* [0..1]*Definition:* Type of cardholder account used for the transaction.*Datatype:* "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

27.4.2.1.3.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1015
	Conversion <Convs>	[0..1]			1015
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1017
	TargetCurrency <TrgtCcy>	[1..1]			1017
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1017
	NumericCode <NmrcCd>	[1..1]	Text		1017
	Decimal <Dcml>	[1..1]	Quantity		1017
	Name <Nm>	[0..1]	Text		1017
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1018
	ExchangeRate <XchgRate>	[1..1]	Rate		1018
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1018
	QuotationDate <QtnDt>	[0..1]	DateTime		1018
	ValidFrom <VldFr>	[0..1]	DateTime		1018
	ValidUntil <VldUntil>	[0..1]	DateTime		1018
	SourceCurrency <SrcCcy>	[1..1]			1018
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1019
	NumericCode <NmrcCd>	[0..1]	Text		1019
	Decimal <Dcml>	[0..1]	Quantity		1019
	Name <Nm>	[0..1]	Text		1019
	ApplicableBinRange <AplblBinRg>	[0..*]			1019
	LowerBin <LwrBin>	[1..1]	Text		1020
	HigherBin <HghrBin>	[1..1]	Text		1020
	OriginalAmount <OrgnlAmt>	[0..1]			1020
	ActualAmount <ActlAmt>	[0..1]	Amount		1020
	MinimumAmount <MinAmt>	[0..1]	Amount		1020
	MaximumAmount <MaxAmt>	[0..1]	Amount		1020
	CommissionDetails <ComssnDtls>	[0..*]			1021
	Amount <Amt>	[1..1]	Amount		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	MarkUpDetails <MrkUpDtls>	[0..*]			1021

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1021

27.4.2.1.3.23.13.1 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 1761):

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

27.4.2.1.3.23.13.2 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1017
	TargetCurrency <TrgtCcy>	[1..1]			1017
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1017
	NumericCode <NmrcCd>	[1..1]	Text		1017
	Decimal <Dcml>	[1..1]	Quantity		1017
	Name <Nm>	[0..1]	Text		1017
	ResultingAmount <RsltAmt>	[0..1]	Amount		1018
	ExchangeRate <XchgRate>	[1..1]	Rate		1018
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1018
	QuotationDate <QtnDt>	[0..1]	DateTime		1018
	ValidFrom <VldFr>	[0..1]	DateTime		1018
	ValidUntil <VldUntil>	[0..1]	DateTime		1018
	SourceCurrency <SrcCcy>	[1..1]			1018
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1019
	NumericCode <NmrcCd>	[0..1]	Text		1019
	Decimal <Dcml>	[0..1]	Quantity		1019
	Name <Nm>	[0..1]	Text		1019
	ApplicableBinRange <AplBlBinRg>	[0..*]			1019
	LowerBin <LwrBin>	[1..1]	Text		1020
	HigherBin <HghrBin>	[1..1]	Text		1020
	OriginalAmount <OrgnlAmt>	[0..1]			1020
	ActualAmount <ActlAmt>	[0..1]	Amount		1020
	MinimumAmount <MinAmt>	[0..1]	Amount		1020
	MaximumAmount <MaxAmt>	[0..1]	Amount		1020
	CommissionDetails <ComssnDtls>	[0..*]			1021
	Amount <Amt>	[1..1]	Amount		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	MarkUpDetails <MrkUpDtls>	[0..*]			1021
	Rate <Rate>	[1..1]	Rate		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021
	DeclarationDetails <DclrtDtls>	[0..*]	±		1021

27.4.2.1.3.23.13.2.1 CurrencyConversionIdentification <CcyConvslId>*Presence:* [0..1]*Definition:* Identification of the currency conversion operation for the service provider.*Datatype:* "Max35Text" on page 1766**27.4.2.1.3.23.13.2.2 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	1017
	NumericCode <NmrcCd>	[1..1]	Text		1017
	Decimal <Dcml>	[1..1]	Quantity		1017
	Name <Nm>	[0..1]	Text		1017

27.4.2.1.3.23.13.2.2.1 AlphaCode <AlphaCd>*Presence:* [1..1]*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

27.4.2.1.3.23.13.2.2.2 NumericCode <NmrcCd>*Presence:* [1..1]*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).*Datatype:* "Exact3NumericText" on page 1763**27.4.2.1.3.23.13.2.2.3 Decimal <Dcml>***Presence:* [1..1]*Definition:* Maximal number of digits after the decimal separator for the currency.*Datatype:* "Number" on page 1762**27.4.2.1.3.23.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

27.4.2.1.3.23.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

27.4.2.1.3.23.13.2.4 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 1762

27.4.2.1.3.23.13.2.5 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 1762

27.4.2.1.3.23.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

27.4.2.1.3.23.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

27.4.2.1.3.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

27.4.2.1.3.23.13.2.9 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	1019
	NumericCode <NmrcCd>	[0..1]	Text		1019
	Decimal <Dcml>	[0..1]	Quantity		1019
	Name <Nm>	[0..1]	Text		1019

27.4.2.1.3.23.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

27.4.2.1.3.23.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

27.4.2.1.3.23.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

27.4.2.1.3.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

27.4.2.1.3.23.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1020
	HigherBin <HghrBin>	[1..1]	Text		1020

27.4.2.1.3.23.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

27.4.2.1.3.23.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

27.4.2.1.3.23.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		1020
	MinimumAmount <MinAmt>	[0..1]	Amount		1020
	MaximumAmount <MaxAmt>	[0..1]	Amount		1020

27.4.2.1.3.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

27.4.2.1.3.23.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

27.4.2.1.3.23.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

27.4.2.1.3.23.13.2.12 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		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021

27.4.2.1.3.23.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**27.4.2.1.3.23.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**27.4.2.1.3.23.13.2.13 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		1021
	AdditionalInformation <AddtlInf>	[0..1]	Text		1021

27.4.2.1.3.23.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**27.4.2.1.3.23.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**27.4.2.1.3.23.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

27.4.2.1.3.23.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

27.4.2.1.3.23.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

27.4.2.1.3.23.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Labl>	[0..1]	Text		1609

27.4.2.1.3.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1763

27.4.2.1.3.23.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

27.4.2.1.3.23.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

27.4.2.1.3.23.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

27.4.2.1.3.23.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

27.4.2.1.3.23.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

27.4.2.1.3.23.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

27.4.2.1.3.23.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1026
	Value <Val>	[0..1]	Binary		1026
	ProtectedValue <PrtctdVal>	[0..1]	±		1026
	Type <Tp>	[0..1]	Text		1027

27.4.2.1.3.23.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

27.4.2.1.3.23.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

27.4.2.1.3.23.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

27.4.2.1.3.23.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1763

27.4.2.1.3.23.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 1702

27.4.2.1.3.24 AuthorisationResult <AuthstnRslt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1027
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1028
	Response <Rspn>	[1..1]	CodeSet		1028
	ResponseReason <RspnRsn>	[0..1]	Text		1028
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1029
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1029

27.4.2.1.3.24.1 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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

27.4.2.1.3.24.2 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		1028
	ResponseReason <RspnRsn>	[0..1]	Text		1028
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1029

27.4.2.1.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1748

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).

27.4.2.1.3.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1766

27.4.2.1.3.24.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1764

27.4.2.1.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1768

27.4.2.1.3.25 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1767

27.4.2.1.3.26 AccountFrom <AcctFr>

Presence: [0..1]

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

AccountFrom <AcctFr> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1030
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1031
	AccountName <AcctNm>	[0..1]	Text		1031
	AccountOwner <AcctOwnr>	[0..1]			1032
	Name <Nm>	[1..1]	Text		1032
	Address <Adr>	[1..1]	±		1032
	Currency <Ccy>	[0..1]	CodeSet	C1	1032
	AccountIdentifier <AcctIdr>	[0..1]			1033
{Or	Card <Card>	[1..1]	Text		1033
Or	MSISDN <MSISDN>	[1..1]	Text		1033
Or	EMail <EMail>	[1..1]	Text		1033
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1033
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1034
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1034
Or	Domestic <Dmst>	[1..1]	Text		1034
Or}	Other <Othr>	[1..1]	Text		1034
	Servicer <Svcr>	[0..1]			1034
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1035
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1035

27.4.2.1.3.26.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

27.4.2.1.3.26.2 SelectedAccountType <SelctdAcctTp>*Presence:* [0..1]*Definition:* Type of cardholder account used for the transaction.*Datatype:* "CardAccountType3Code" on page 1720

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.

27.4.2.1.3.26.3 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 1767

27.4.2.1.3.26.4 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
	Name <Nm>	[1..1]	Text		1032
	Address <Adr>	[1..1]	±		1032

27.4.2.1.3.26.4.1 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 1767

27.4.2.1.3.26.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

27.4.2.1.3.26.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

27.4.2.1.3.26.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1033
Or	MSISDN <MSISDN>	[1..1]	Text		1033
Or	EEmail <EEmail>	[1..1]	Text		1033
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1033
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1034
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1034
Or	Domestic <Dmst>	[1..1]	Text		1034
Or}	Other <Othr>	[1..1]	Text		1034

27.4.2.1.3.26.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

27.4.2.1.3.26.6.2 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 1764

27.4.2.1.3.26.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

27.4.2.1.3.26.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

27.4.2.1.3.26.6.5 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 1760

27.4.2.1.3.26.6.6 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 1761

27.4.2.1.3.26.6.7 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 1766

27.4.2.1.3.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

27.4.2.1.3.26.7 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	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1035
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1035

27.4.2.1.3.26.7.1 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 1760

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.

27.4.2.1.3.26.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

27.4.2.1.3.27 AccountTo <AcctTo>

Presence: [0..1]

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

AccountTo <AcctTo> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1036
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1037
	AccountName <AcctNm>	[0..1]	Text		1037
	AccountOwner <AcctOwnr>	[0..1]			1038
	Name <Nm>	[1..1]	Text		1038
	Address <Adr>	[1..1]	±		1038
	Currency <Ccy>	[0..1]	CodeSet	C1	1038
	AccountIdentifier <AcctIdr>	[0..1]			1039
{Or	Card <Card>	[1..1]	Text		1039
Or	MSISDN <MSISDN>	[1..1]	Text		1039
Or	EMail <EMail>	[1..1]	Text		1039
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1039
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1040
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1040
Or	Domestic <Dmst>	[1..1]	Text		1040
Or}	Other <Othr>	[1..1]	Text		1040
	Servicer <Svcr>	[0..1]			1040
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1041
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1041

27.4.2.1.3.27.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

27.4.2.1.3.27.2 SelectedAccountType <SelctdAcctTp>*Presence:* [0..1]*Definition:* Type of cardholder account used for the transaction.*Datatype:* "CardAccountType3Code" on page 1720

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.

27.4.2.1.3.27.3 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 1767

27.4.2.1.3.27.4 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		1038
	Address <Adr>	[1..1]	±		1038

27.4.2.1.3.27.4.1 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 1767

27.4.2.1.3.27.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

27.4.2.1.3.27.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

27.4.2.1.3.27.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1039
Or	MSISDN <MSISDN>	[1..1]	Text		1039
Or	EEmail <EEmail>	[1..1]	Text		1039
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1039
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1040
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1040
Or	Domestic <Dmst>	[1..1]	Text		1040
Or}	Other <Othr>	[1..1]	Text		1040

27.4.2.1.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

27.4.2.1.3.27.6.2 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 1764

27.4.2.1.3.27.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

27.4.2.1.3.27.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

27.4.2.1.3.27.6.5 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 1760

27.4.2.1.3.27.6.6 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 1761

27.4.2.1.3.27.6.7 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 1766

27.4.2.1.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

27.4.2.1.3.27.7 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	1041
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1041

27.4.2.1.3.27.7.1 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 1760

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.

27.4.2.1.3.27.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

27.4.2.1.3.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1767

27.4.2.1.4 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 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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.

27.4.2.2 CancellationAdvice <CxlAdv>

Presence: [0..1]

Definition: Information related to the cancellation advice.

CancellationAdvice <CxIAdv> contains the following **AcceptorCancellationAdvice13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		1044
	Context <Cntxt>	[0..1]	±		1050
	Transaction <Tx>	[1..1]			1053
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1055
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1055
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1055
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1055
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		1055
	TransactionIdentification <Txld>	[1..1]	±		1055
	OriginalTransaction <OrgnlTx>	[0..1]	±		1056
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1056
	Reversal <Rvsl>	[0..1]	Indicator		1057
	FailureReason <FailRsn>	[0..*]	CodeSet		1057
	InitiatorTransactionIdentification <InitrTxld>	[0..1]	Text		1057
	RecipientTransactionIdentification <RcptTxld>	[0..1]	Text		1058
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1058
	InterchangeData <IntrchnngData>	[0..1]	Text		1058
	TransactionDetails <TxDtls>	[1..1]			1058
	Currency <Ccy>	[0..1]	CodeSet	C1	1058
	TotalAmount <TtlAmt>	[1..1]	Amount		1059
	ValidityDate <VldtyDt>	[0..1]	Date		1059
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1059
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1059
	AuthorisationResult <AuthstnRslt>	[0..1]			1059
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1060
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1060
	Response <Rspn>	[1..1]	CodeSet		1061
	ResponseReason <RspnRsn>	[0..1]	Text		1061
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1061
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1061
	TMSTrigger <TMSTrggr>	[0..1]			1061

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSctctLvl>	[1..1]	CodeSet		1061
	TMSIdentification <TMSId>	[0..1]	Text		1062
	TMSContactDateTime <TMSctctDtTm>	[0..1]	DateTime		1062
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1062

27.4.2.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

27.4.2.2.2 Context <Cntxt>

Presence: [0..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

27.4.2.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following CardPaymentTransaction116 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1055
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1055
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1055
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1055
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1055
	TransactionIdentification <TxId>	[1..1]	±		1055
	OriginalTransaction <OrgnlTx>	[0..1]	±		1056
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1056
	Reversal <Rvs/ >	[0..1]	Indicator		1057
	FailureReason <FailrRsn>	[0..*]	CodeSet		1057
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1057
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1058
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1058
	InterchangeData <IntrchnngData>	[0..1]	Text		1058
	TransactionDetails <TxDtls>	[1..1]			1058
	Currency <Ccy>	[0..1]	CodeSet	C1	1058
	TotalAmount <TtlAmt>	[1..1]	Amount		1059
	ValidityDate <VldtyDt>	[0..1]	Date		1059
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1059
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1059
	AuthorisationResult <AuthstnRslt>	[0..1]			1059
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1060
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1060
	Response <Rspn>	[1..1]	CodeSet		1061
	ResponseReason <RspnRsn>	[0..1]	Text		1061
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1061
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1061
	TMSTrigger <TMSTrggr>	[0..1]			1061
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1061
	TMSIdentification <TMSId>	[0..1]	Text		1062
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1062

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1062

27.4.2.2.3.1 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 1769

27.4.2.2.3.2 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 1761):

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

27.4.2.2.3.3 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 1766

27.4.2.2.3.4 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 1766

27.4.2.2.3.5 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

27.4.2.2.3.6 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

27.4.2.2.3.7 OriginalTransaction <OrgnTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1438 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIId>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

27.4.2.2.3.8 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 1761):

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

27.4.2.2.3.9 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 1761):

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

27.4.2.2.3.10 FailureReason <FailrRsn>*Presence:* [0..*]*Definition:* List of incidents during the transaction.*Datatype:* "FailureReason3Code" on page 1730

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.

27.4.2.2.3.11 InitiatorTransactionIdentification <InitrTxld>*Presence:* [0..1]*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.*Datatype:* "Max35Text" on page 1766

27.4.2.2.3.12 RecipientTransactionIdentification <RcptTxId>*Presence:* [0..1]*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.*Datatype:* "Max140Text" on page 1764**27.4.2.2.3.13 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 1766**27.4.2.2.3.14 InterchangeData <IntrchgData>***Presence:* [0..1]*Definition:* Interchange information related to the card scheme.*Datatype:* "Max140Text" on page 1764**27.4.2.2.3.15 TransactionDetails <TxDtls>***Presence:* [1..1]*Definition:* Details of the transaction.**TransactionDetails <TxDtls>** contains the following **CardPaymentTransactionDetails50** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1058
	TotalAmount <TtlAmt>	[1..1]	Amount		1059
	ValidityDate <VldtyDt>	[0..1]	Date		1059
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1059
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1059

27.4.2.2.3.15.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

27.4.2.2.3.15.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

27.4.2.2.3.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

27.4.2.2.3.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1702

27.4.2.2.3.15.5 KeepAuthorisationOpen <KeepAuthstnOpn>

Presence: [0..1]

Definition: This transaction is cancelled but the authorisation is not reversed.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1761):

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

27.4.2.2.3.16 AuthorisationResult <AuthstnRslt>

Presence: [0..1]

Definition: Outcome of the authorisation.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1060
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1060
	Response <Rspn>	[1..1]	CodeSet		1061
	ResponseReason <RspnRsn>	[0..1]	Text		1061
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1061
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1061
	TMSTrigger <TMSTrggr>	[0..1]			1061
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1061
	TMSIdentification <TMSId>	[0..1]	Text		1062
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1062

27.4.2.2.3.16.1 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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

27.4.2.2.3.16.2 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		1061
	ResponseReason <RspnRsn>	[0..1]	Text		1061
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1061

27.4.2.2.3.16.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

27.4.2.2.3.16.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**27.4.2.2.3.16.2.3 AdditionalResponseInformation <AddtlRspnInf>***Presence:* [0..1]*Definition:* Additional information on the response for further examination.*Datatype:* "Max140Text" on page 1764**27.4.2.2.3.16.3 AuthorisationCode <AuthstnCd>***Presence:* [0..1]*Definition:* Value assigned by the authorising party.*Datatype:* "Max8Text" on page 1768**27.4.2.2.3.16.4 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
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1061
	TMSIdentification <TMSId>	[0..1]	Text		1062
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1062

27.4.2.2.3.16.4.1 TMSContactLevel <TMSCtctLvl>*Presence:* [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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.

27.4.2.2.3.16.4.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 1766

27.4.2.2.3.16.4.3 TMSContactDateTime <TMSctctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1759

27.4.2.2.3.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1767

27.4.2.3 BatchTransfer <BtchTrf>

Presence: [0..1]

Definition: Card payment transactions from one or several data set of transactions.

BatchTransfer <BtchTrf> contains the following **CardPaymentBatchTransfer12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			1064
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1064
	CardBrand <CardBrnd>	[0..1]	Text		1065
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1065
	Currency <Ccy>	[0..1]	CodeSet	C1	1065
	Type <Tp>	[1..1]	CodeSet		1065
	TotalNumber <TtlNb>	[1..1]	Quantity		1065
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1066
	DataSet <DataSet>	[0..*]			1066
	DataSetIdentification <DataSetId>	[1..1]			1068
	Name <Nm>	[1..1]	Text		1068
	Type <Tp>	[1..1]	CodeSet		1068
	Version <Vrsn>	[0..1]	Text		1069
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1069
	Traceability <Tracblt>	[0..*]	±		1069
	DataSetInitiator <DataSetInitr>	[0..1]	±		1069
	TransactionTotals <TxTtls>	[1..*]			1070
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1070
	CardBrand <CardBrnd>	[0..1]	Text		1070
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1070
	Currency <Ccy>	[0..1]	CodeSet	C1	1071
	Type <Tp>	[1..1]	CodeSet		1071
	TotalNumber <TtlNb>	[1..1]	Quantity		1071
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1071
	CommonData <CmonData>	[0..1]			1071
	Environment <Envt>	[0..1]	±		1072
	Context <Cntxt>	[0..1]	±		1078
	TransactionType <TxTp>	[0..1]	CodeSet		1081
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1081
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1082
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1082

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1083
	Currency <Ccy>	[0..1]	CodeSet	C1	1083
	Transaction <Tx>	[1..*]			1083
{Or	Completion <Cmpltn>	[1..1]	±		1083
Or	Cancellation <Cxl>	[1..1]	±		1089
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1091
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1096
Or	TokenRequest <TknReq>	[1..1]			1101
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1101
	Environment <Envt>	[1..1]	±		1101
Or}	TokenResponse <TknRspn>	[1..1]			1107
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1107
	Environment <Envt>	[1..1]	±		1107

27.4.2.3.1 TransactionTotals <TxTtls>

Presence: [0..*]

Definition: Totals of transactions of all the data sets.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1064
	CardBrand <CardBrnd>	[0..1]	Text		1065
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1065
	Currency <Ccy>	[0..1]	CodeSet	C1	1065
	Type <Tp>	[1..1]	CodeSet		1065
	TotalNumber <TtlNb>	[1..1]	Quantity		1065
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1066

27.4.2.3.1.1 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 1766

27.4.2.3.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1766

27.4.2.3.1.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 1766

27.4.2.3.1.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

27.4.2.3.1.5 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals2Code" on page 1756

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.

27.4.2.3.1.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1762

27.4.2.3.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

27.4.2.3.2 DataSet <DataSet>

Presence: [0..*]

Definition: Card payment transactions from one data set of transactions.

DataSet <DataSet> contains the following **CardPaymentDataSet37** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			1068
	Name <Nm>	[1..1]	Text		1068
	Type <Tp>	[1..1]	CodeSet		1068
	Version <Vrsn>	[0..1]	Text		1069
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1069
	Traceability <Tracblt>	[0..*]	±		1069
	DataSetInitiator <DataSetInitr>	[0..1]	±		1069
	TransactionTotals <TxTtls>	[1..*]			1070
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1070
	CardBrand <CardBrnd>	[0..1]	Text		1070
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1070
	Currency <Ccy>	[0..1]	CodeSet	C1	1071
	Type <Tp>	[1..1]	CodeSet		1071
	TotalNumber <TtlNb>	[1..1]	Quantity		1071
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1071
	CommonData <CmonData>	[0..1]			1071
	Environment <Envnt>	[0..1]	±		1072
	Context <Cntxt>	[0..1]	±		1078
	TransactionType <TxTp>	[0..1]	CodeSet		1081
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1081
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1082
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1082
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1083
	Currency <Ccy>	[0..1]	CodeSet	C1	1083
	Transaction <Tx>	[1..*]			1083
{Or	Completion <Cmpltn>	[1..1]	±		1083
Or	Cancellation <Cxl>	[1..1]	±		1089
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1091
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1096
Or	TokenRequest <TknReq>	[1..1]			1101
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1101

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		1101
Or}	TokenResponse <TknRspn>	[1..1]			1107
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1107
	Environment <Envt>	[1..1]	±		1107

27.4.2.3.2.1 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
	Name <Nm>	[1..1]	Text		1068
	Type <Tp>	[1..1]	CodeSet		1068
	Version <Vrsn>	[0..1]	Text		1069
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1069

27.4.2.3.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 1765

27.4.2.3.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 1728

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.

27.4.2.3.2.1.3 Version <Vrsn>*Presence:* [0..1]*Definition:* Version of the data set.*Datatype:* "Max256Text" on page 1765**27.4.2.3.2.1.4 CreationDateTime <CreDtTm>***Presence:* [1..1]*Definition:* Date and time of creation of the data set.*Datatype:* "ISODateTime" on page 1759**27.4.2.3.2.2 Traceability <Tracblt>***Presence:* [0..*]*Definition:* Identification of partners involved in the data set building.**Traceability <Tracblt>** contains the following elements (see "Traceability8" on page 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

27.4.2.3.2.3 DataSetInitiator <DataSetInitr>*Presence:* [0..1]*Definition:* Initiator of the data set.

DataSetInitiator <DataSetIntr> contains the following elements (see "[GenericIdentification176](#)" on page 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

27.4.2.3.2.4 TransactionTotals <TxTtls>

Presence: [1..*]

Definition: Transaction totals of the data set.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		1070
	CardBrand <CardBrnd>	[0..1]	Text		1070
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1070
	Currency <Ccy>	[0..1]	CodeSet	C1	1071
	Type <Tp>	[1..1]	CodeSet		1071
	TotalNumber <TtlNb>	[1..1]	Quantity		1071
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1071

27.4.2.3.2.4.1 POIGrouplIdentification <POIGrpld>

Presence: [0..1]

Definition: Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

Datatype: "[Max35Text](#)" on page 1766

27.4.2.3.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "[Max35Text](#)" on page 1766

27.4.2.3.2.4.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "[Max35Text](#)" on page 1766

27.4.2.3.2.4.4 Currency <Ccy>

Presence: [0..1]
Definition: Currency associated with the transaction totals.
Impacted by: C1 "ActiveCurrency"
Datatype: "ActiveCurrencyCode" on page 1705

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.

27.4.2.3.2.4.5 Type <Tp>

Presence: [1..1]
Definition: Identification of the type of transaction.
Datatype: "TypeTransactionTotals2Code" on page 1756

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.

27.4.2.3.2.4.6 TotalNumber <TtlNb>

Presence: [1..1]
Definition: Total number of transactions during a reconciliation period.
Datatype: "Number" on page 1762

27.4.2.3.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]
Definition: Total amount of a collection of transactions.
Datatype: "ImpliedCurrencyAndAmount" on page 1701

27.4.2.3.2.5 CommonData <CmonData>

Presence: [0..1]
Definition: Data common to all transactions of the data set.

CommonData <CmonData> contains the following **CommonData13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±		1072
	Context <Cntxt>	[0..1]	±		1078
	TransactionType <TxTp>	[0..1]	CodeSet		1081
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1081
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1082
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1082
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1083
	Currency <Ccy>	[0..1]	CodeSet	C1	1083

27.4.2.3.2.5.1 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 elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

27.4.2.3.2.5.2 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 "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

27.4.2.3.2.5.3 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 1723

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.

27.4.2.3.2.5.4 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1725

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.

27.4.2.3.2.5.5 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

27.4.2.3.2.5.6 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 1769

27.4.2.3.2.5.7 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 1766**27.4.2.3.2.5.8 Currency <Ccy>***Presence:* [0..1]*Definition:* Currency associated with the set of transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

27.4.2.3.2.6 Transaction <Tx>*Presence:* [1..*]*Definition:* Set of transaction to Process.

Transaction <Tx> contains one of the following **CardPaymentDataSetTransaction12Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Completion <Cmpltn>	[1..1]	±		1083
Or	Cancellation <Cxl>	[1..1]	±		1089
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1091
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1096
Or	TokenRequest <TknReq>	[1..1]			1101
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1101
	Environment <Envt>	[1..1]	±		1101
Or}	TokenResponse <TknRspn>	[1..1]			1107
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1107
	Environment <Envt>	[1..1]	±		1107

27.4.2.3.2.6.1 Completion <Cmpltn>*Presence:* [1..1]

Definition: Completed card payment transaction to be captured.

Completion <Cmpltn> contains the following elements (see "CardPaymentDataSetTransaction47" on page 1333 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1338
	Traceability <Tracblt>	[0..*]	±		1338
	Environment <Envt>	[1..1]	±		1339
	Context <Cntxt>	[0..1]	±		1345
	Transaction <Tx>	[1..1]			1348
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1353
	TransactionType <TxTp>	[0..1]	CodeSet		1353
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1354
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1355
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1355
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1355
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1355
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1355
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1356
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1356
	TransactionIdentification <TxId>	[1..1]	±		1356
	OriginalTransaction <OrgnlTx>	[0..1]	±		1356
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1357
	Reversal <Rvsl>	[0..1]	Indicator		1357
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1358
	FailureReason <FailrRsn>	[0..*]	CodeSet		1358
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1358
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1359
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1359
	InterchangeData <IntrchgData>	[0..1]	Text		1359
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1359
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1359
	TransactionDetails <TxDtls>	[1..1]			1359
	Currency <Ccy>	[0..1]	CodeSet	C1	1362
	TotalAmount <TtlAmt>	[1..1]	Amount		1362

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1362
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	DetailedAmount <DtlAmt>	[0..1]	±		1362
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1363
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1363
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1363
	ValidityDate <VldtyDt>	[0..1]	Date		1363
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1363
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1364
	AccountType <AcctTp>	[0..1]	CodeSet		1364
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1365
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1367
	Conversion <Convs>	[0..1]			1367
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1369
	TargetCurrency <TrgtCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1369
	NumericCode <NmrcCd>	[1..1]	Text		1369
	Decimal <Dcml>	[1..1]	Quantity		1369
	Name <Nm>	[0..1]	Text		1369
	ResultingAmount <RsltAmt>	[0..1]	Amount		1370
	ExchangeRate <XchgRate>	[1..1]	Rate		1370
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1370
	QuotationDate <QtnDt>	[0..1]	DateTime		1370
	ValidFrom <VldFr>	[0..1]	DateTime		1370
	ValidUntil <VldUntil>	[0..1]	DateTime		1370
	SourceCurrency <SrcCcy>	[1..1]			1370
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1371
	NumericCode <NmrcCd>	[0..1]	Text		1371
	Decimal <Dcml>	[0..1]	Quantity		1371
	Name <Nm>	[0..1]	Text		1371
	ApplicableBinRange <ApblBinRg>	[0..*]			1371

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1372
	HigherBin <HghrBin>	[1..1]	Text		1372
	OriginalAmount <OrgnlAmt>	[0..1]			1372
	ActualAmount <ActlAmt>	[0..1]	Amount		1372
	MinimumAmount <MinAmt>	[0..1]	Amount		1372
	MaximumAmount <MaxAmt>	[0..1]	Amount		1372
	CommissionDetails <ComssnDtls>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	MarkUpDetails <MrkUpDtls>	[0..*]			1373
	Rate <Rate>	[1..1]	Rate		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1373
	Instalment <Instlmt>	[0..*]	±		1374
	Recurring <Rcrng>	[0..1]	±		1375
	AggregationTransaction <Aggtntx>	[0..1]	±		1376
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1376
	SaleItem <Saleitm>	[0..*]	±		1376
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1377
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1377
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1377
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1377
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1378
	AdditionalInformation <AddtlInf>	[0..*]			1378
	Identification <Id>	[1..1]	Text		1378
	Value <Val>	[0..1]	Binary		1378
	ProtectedValue <PrctdVal>	[0..1]	±		1378
	Type <Tp>	[0..1]	Text		1379
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1379
	AuthorisationResult <AuthstnRslt>	[0..1]			1379
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1379

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1380
	Response <Rspn>	[1..1]	CodeSet		1380
	ResponseReason <RspnRsn>	[0..1]	Text		1380
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1381
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1381
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1381
	AccountFrom <AcctFr>	[0..1]			1381
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1382
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1383
	AccountName <AcctNm>	[0..1]	Text		1383
	AccountOwner <AcctOwnr>	[0..1]			1384
	Name <Nm>	[1..1]	Text		1384
	Address <Adr>	[1..1]	±		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	AccountIdentifier <AcctIdr>	[0..1]			1385
{Or	Card <Card>	[1..1]	Text		1385
Or	MSISDN <MSISDN>	[1..1]	Text		1385
Or	EMail <EMail>	[1..1]	Text		1385
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1385
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1386
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1386
Or	Domestic <Dmst>	[1..1]	Text		1386
Or}	Other <Othr>	[1..1]	Text		1386
	Servicer <Svcr>	[0..1]			1386
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1387
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1387
	AccountTo <AcctTo>	[0..1]			1387
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1388
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1389
	AccountName <AcctNm>	[0..1]	Text		1389
	AccountOwner <AcctOwnr>	[0..1]			1390

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1390
	Address <Adr>	[1..1]	±		1390
	Currency <Ccy>	[0..1]	CodeSet	C1	1390
	AccountIdentifier <AcctIdr>	[0..1]			1391
{Or	Card <Card>	[1..1]	Text		1391
Or	MSISDN <MSISDN>	[1..1]	Text		1391
Or	EMail <EMail>	[1..1]	Text		1391
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1391
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1392
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1392
Or	Domestic <Dmst>	[1..1]	Text		1392
Or}	Other <Othr>	[1..1]	Text		1392
	Servicer <Svcr>	[0..1]			1392
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1393
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1393
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1393

27.4.2.3.2.6.2 Cancellation <Cxl>

Presence: [1..1]

Definition: Cancelled card payment transaction to be captured.

Cancellation <Cxl> contains the following elements (see "[CardPaymentDataSetTransaction46](#)" on page 1313 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1315
	Traceability <Tracblt>	[0..*]	±		1315
	Environment <Envt>	[1..1]	±		1315
	Context <Cntxt>	[0..1]	±		1321
	Transaction <Tx>	[1..1]			1324
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1326
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1326
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1326
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1326
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1326
	TransactionIdentification <TxId>	[1..1]	±		1326
	OriginalTransaction <OrgnlTx>	[0..1]	±		1327
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1327
	Reversal <Rvsl>	[0..1]	Indicator		1328
	FailureReason <FailrRsn>	[0..*]	CodeSet		1328
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1328
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1329
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1329
	InterchangeData <IntrchnngData>	[0..1]	Text		1329
	TransactionDetails <TxDtls>	[1..1]			1329
	Currency <Ccy>	[0..1]	CodeSet	C1	1329
	TotalAmount <TtlAmt>	[1..1]	Amount		1330
	ValidityDate <VldtyDt>	[0..1]	Date		1330
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1330
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1330
	AuthorisationResult <AuthstnRslt>	[0..1]			1330
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1331
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1331
	Response <Rspn>	[1..1]	CodeSet		1332
	ResponseReason <RspnRsn>	[0..1]	Text		1332

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1332
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1332
	TMSTrigger <TMSTrggr>	[0..1]			1332
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1332
	TMSIdentification <TMSId>	[0..1]	Text		1333
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1333
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1333

27.4.2.3.2.6.3 AuthorisationRequest <AuthstnReq>

Presence: [1..1]

Definition: Card payment transaction including an authorisation request.

AuthorisationRequest <AuthstnReq> contains the following elements (see "CardPaymentDataSetTransaction48" on page 1258 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1263
	Traceability <Tracblt>	[0..*]	±		1263
	Environment <Envt>	[1..1]	±		1263
	Context <Cntxt>	[0..1]	±		1269
	Transaction <Tx>	[1..1]			1272
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1276
	TransactionType <TxTp>	[0..1]	CodeSet		1277
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1277
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1278
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1278
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1279
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1279
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1279
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1279
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1279
	TransactionIdentification <TxId>	[1..1]	±		1279
	OriginalTransaction <OrgnlTx>	[0..1]	±		1280
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1280
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1280
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1281
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1281
	TransactionDetails <TxDtls>	[1..1]			1281
	Currency <Ccy>	[0..1]	CodeSet	C1	1284
	TotalAmount <TtlAmt>	[1..1]	Amount		1284
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1284
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1284
	DetailedAmount <DtldAmt>	[0..1]	±		1284
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1285
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1285
	InvoiceAmount <InvAmt>	[0..1]	Amount		1285

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1285
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1285
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1286
	AccountType <AcctTp>	[0..1]	CodeSet		1286
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1287
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1289
	Conversion <Convs>	[0..1]			1289
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1291
	TargetCurrency <TrgtCcy>	[1..1]			1291
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1291
	NumericCode <NmrcCd>	[1..1]	Text		1291
	Decimal <Dcml>	[1..1]	Quantity		1291
	Name <Nm>	[0..1]	Text		1291
	ResultingAmount <RsltAmt>	[0..1]	Amount		1292
	ExchangeRate <XchgRate>	[1..1]	Rate		1292
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1292
	QuotationDate <QtnDt>	[0..1]	DateTime		1292
	ValidFrom <VldFr>	[0..1]	DateTime		1292
	ValidUntil <VldUntil>	[0..1]	DateTime		1292
	SourceCurrency <SrcCcy>	[1..1]			1292
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[0..1]	Text		1293
	Decimal <Dcml>	[0..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ApplicableBinRange <AplblBinRg>	[0..*]			1293
	LowerBin <LwrBin>	[1..1]	Text		1294
	HigherBin <HghrBin>	[1..1]	Text		1294
	OriginalAmount <OrgnlAmt>	[0..1]			1294
	ActualAmount <ActlAmt>	[0..1]	Amount		1294
	MinimumAmount <MinAmt>	[0..1]	Amount		1294
	MaximumAmount <MaxAmt>	[0..1]	Amount		1294

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1295
	Amount <Amt>	[1..1]	Amount		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	MarkUpDetails <MrkUpDtls>	[0..*]			1295
	Rate <Rate>	[1..1]	Rate		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1295
	Instalment <Instlmt>	[0..*]	±		1296
	Recurring <Rcrng>	[0..1]	±		1297
	AggregationTransaction <AggtnTx>	[0..1]	±		1298
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1298
	SaleItem <Saleitm>	[0..*]	±		1298
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1299
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1299
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1299
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1299
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1300
	AdditionalInformation <AddtlInf>	[0..*]			1300
	Identification <Id>	[1..1]	Text		1300
	Value <Val>	[0..1]	Binary		1300
	ProtectedValue <PrctcdVal>	[0..1]	±		1300
	Type <Tp>	[0..1]	Text		1301
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1301
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1301
	AccountFrom <AcctFr>	[0..1]			1301
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1302
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1303
	AccountName <AcctNm>	[0..1]	Text		1303
	AccountOwner <AcctOwnr>	[0..1]			1304
	Name <Nm>	[1..1]	Text		1304
	Address <Adr>	[1..1]	±		1304

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1304
	AccountIdentifier <AcctIdr>	[0..1]			1305
{Or	Card <Card>	[1..1]	Text		1305
Or	MSISDN <MSISDN>	[1..1]	Text		1305
Or	EMail <EMail>	[1..1]	Text		1305
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1305
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1306
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1306
Or	Domestic <Dmst>	[1..1]	Text		1306
Or}	Other <Othr>	[1..1]	Text		1306
	Servicer <Svcr>	[0..1]			1306
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1307
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1307
	AccountTo <AcctTo>	[0..1]			1307
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1308
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1309
	AccountName <AcctNm>	[0..1]	Text		1309
	AccountOwner <AcctOwnr>	[0..1]			1310
	Name <Nm>	[1..1]	Text		1310
	Address <Adr>	[1..1]	±		1310
	Currency <Ccy>	[0..1]	CodeSet	C1	1310
	AccountIdentifier <AcctIdr>	[0..1]			1311
{Or	Card <Card>	[1..1]	Text		1311
Or	MSISDN <MSISDN>	[1..1]	Text		1311
Or	EMail <EMail>	[1..1]	Text		1311
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1311
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1312
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1312
Or	Domestic <Dmst>	[1..1]	Text		1312
Or}	Other <Othr>	[1..1]	Text		1312
	Servicer <Svcr>	[0..1]			1312

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1313
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1313
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1313

27.4.2.3.2.6.4 AuthorisationResponse <AuthstnRspn>

Presence: [1..1]

Definition: Card payment transaction including an authorisation response.

AuthorisationResponse <AuthstnRspn> contains the following elements (see "CardPaymentDataSetTransaction49" on page 1202 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1207
	Traceability <Tracblt>	[0..*]	±		1207
	Environment <Envt>	[1..1]	±		1208
	Transaction <Tx>	[1..1]			1214
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1217
	TransactionIdentification <TxId>	[1..1]	±		1217
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1217
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1217
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1217
	InterchangeData <IntrchnngData>	[0..1]	Text		1218
	TransactionDetails <TxDtls>	[1..1]			1218
	Currency <Ccy>	[0..1]	CodeSet	C1	1221
	TotalAmount <TtlAmt>	[1..1]	Amount		1221
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1221
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1221
	DetailedAmount <DtldAmt>	[0..1]	±		1221
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1222
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1222
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1222
	ValidityDate <VldtyDt>	[0..1]	Date		1222
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1222
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1223
	AccountType <AcctTp>	[0..1]	CodeSet		1223
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1224
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1226
	Conversion <Convs>	[0..1]			1226
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1228
	TargetCurrency <TrgtCcy>	[1..1]			1228
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1228
	NumericCode <NmrcCd>	[1..1]	Text		1228

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1228
	Name <Nm>	[0..1]	Text		1228
	ResultingAmount <RsltAmt>	[0..1]	Amount		1229
	ExchangeRate <XchgRate>	[1..1]	Rate		1229
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1229
	QuotationDate <QtnDt>	[0..1]	DateTime		1229
	ValidFrom <VldFr>	[0..1]	DateTime		1229
	ValidUntil <VldUntil>	[0..1]	DateTime		1229
	SourceCurrency <SrcCcy>	[1..1]			1229
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1230
	NumericCode <NmrcCd>	[0..1]	Text		1230
	Decimal <Dcml>	[0..1]	Quantity		1230
	Name <Nm>	[0..1]	Text		1230
	ApplicableBinRange <AplblBinRg>	[0..*]			1230
	LowerBin <LwrBin>	[1..1]	Text		1231
	HigherBin <HghrBin>	[1..1]	Text		1231
	OriginalAmount <OrgnlAmt>	[0..1]			1231
	ActualAmount <ActlAmt>	[0..1]	Amount		1231
	MinimumAmount <MinAmt>	[0..1]	Amount		1231
	MaximumAmount <MaxAmt>	[0..1]	Amount		1231
	CommissionDetails <ComssnDtls>	[0..*]			1232
	Amount <Amt>	[1..1]	Amount		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	MarkUpDetails <MrkUpDtls>	[0..*]			1232
	Rate <Rate>	[1..1]	Rate		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1232
	Instalment <Instlmt>	[0..*]	±		1233
	Recurring <Rcrng>	[0..1]	±		1234
	AggregationTransaction <AggtnTx>	[0..1]	±		1235
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1235

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <SaleItm>	[0..*]	±		1235
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1236
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1236
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1236
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1236
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1237
	AdditionalInformation <AddtlInf>	[0..*]			1237
	Identification <Id>	[1..1]	Text		1237
	Value <Val>	[0..1]	Binary		1237
	ProtectedValue <PrctcdVal>	[0..1]	±		1237
	Type <Tp>	[0..1]	Text		1238
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1238
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1238
	TransactionResponse <TxRspn>	[1..1]			1238
	AuthorisationResult <AuthstnRslt>	[1..1]			1241
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1241
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1242
	Response <Rspn>	[1..1]	CodeSet		1242
	ResponseReason <RspnRsn>	[0..1]	Text		1242
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1242
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1242
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1242
	TMSTrigger <TMSTrggr>	[0..1]			1243
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1243
	TMSIdentification <TMSId>	[0..1]	Text		1243
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1243
	AllowedProductCode <AllwdPdctCd>	[0..*]			1243
	ProductCode <PdctCd>	[1..1]	Text		1244
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1244
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1244
	ProductCode <PdctCd>	[1..1]	Text		1244

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1244
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1244
	ProductCode <PdctCd>	[1..1]	Text		1245
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1245
	AmountLimit <AmtLmt>	[0..1]	Amount		1245
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1245
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1245
	Balance <Bal>	[0..1]	±		1247
	ProtectedBalance <PrctdBal>	[0..1]	±		1247
	Action <Actn>	[0..*]			1248
	ActionType <ActnTp>	[1..1]	CodeSet		1248
	MessageToPresent <MsgToPres>	[0..1]	±		1249
	RemoteAccess <RmotAccs>	[0..1]	±		1250
	Retry <Rtry>	[0..1]	±		1250
	TimeCondition <TmCond>	[0..1]	±		1250
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1251
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1253
	TargetCurrency <TrgtCcy>	[1..1]			1253
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1253
	NumericCode <NmrcCd>	[1..1]	Text		1253
	Decimal <Dcml>	[1..1]	Quantity		1253
	Name <Nm>	[0..1]	Text		1254
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1254
	ExchangeRate <XchgRate>	[1..1]	Rate		1254
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1254
	QuotationDate <QtnDt>	[0..1]	DateTime		1254
	ValidFrom <VldFr>	[0..1]	DateTime		1254
	ValidUntil <VldUntil>	[0..1]	DateTime		1254
	SourceCurrency <SrcCcy>	[1..1]			1254
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1255
	NumericCode <NmrcCd>	[0..1]	Text		1255

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1255
	Name <Nm>	[0..1]	Text		1255
	ApplicableBinRange <ApblBinRg>	[0..*]			1255
	LowerBin <LwrBin>	[1..1]	Text		1256
	HigherBin <HghrBin>	[1..1]	Text		1256
	OriginalAmount <OrgnlAmt>	[0..1]			1256
	ActualAmount <ActlAmt>	[0..1]	Amount		1256
	MinimumAmount <MinAmt>	[0..1]	Amount		1256
	MaximumAmount <MaxAmt>	[0..1]	Amount		1256
	CommissionDetails <ComssnDtls>	[0..*]			1257
	Amount <Amt>	[1..1]	Amount		1257
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257
	MarkUpDetails <MrkUpDtls>	[0..*]			1257
	Rate <Rate>	[1..1]	Rate		1257
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1257

27.4.2.3.2.6.5 TokenRequest <TknReq>

Presence: [1..1]

Definition: Request for a token computation.

TokenRequest <TknReq> contains the following **TokenRequestComponent4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1101
	Environment <Envt>	[1..1]	±		1101

27.4.2.3.2.6.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 1768

27.4.2.3.2.6.5.2 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

27.4.2.3.2.6.6 TokenResponse <TknRspn>

Presence: [1..1]

Definition: Response to a token computation.

TokenResponse <TknRspn> contains the following **TokenRequestComponent4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1107
	Environment <Env>	[1..1]	±		1107

27.4.2.3.2.6.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 1768

27.4.2.3.2.6.6.2 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

27.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on page 1683 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1683
	AuthenticatedData <AuthntcdData>	[0..1]	±		1683
	SignedData <SgndData>	[0..1]	±		1684

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AcquirerToAcceptorBatchFileExchangeV01

28.1 MessageDefinition Functionality

The AcquirerToAcceptorBatchFileExchange message is sent by an acquirer (or its agent) to the acceptor (or its agent), to send a batch of response.

Outline

The AcquirerToAcceptorBatchFileExchangeV01 MessageDefinition is composed of 4 MessageBuildingBlocks:

- A. Header
AcquirerToAcceptorBatchFileExchange message management information.
- B. BodyElement
Record of an exchange to an Acceptor.
- C. Response
Result of the processing of the request.
- D. SecurityTrailer
Trailer of the message containing a MAC or a signature.

28.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AcqrrToAccptrBtchFileXchg>	[1..1]			
	Header <Hdr>	[1..1]			1120
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		1120
	FormatVersion <FrmtVrsn>	[1..1]	Text		1120
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1120
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1120
	InitiatingParty <InitgPty>	[1..1]	±		1121
	RecipientParty <RcptPty>	[0..1]	±		1121
	BodyElement <BodyElmt>	[0..*]			1122
	CompletionAdviceResponse <CmpltnAdvRspn>	[0..1]			1126
	Environment <Envt>	[1..1]	±		1126
	Transaction <Tx>	[1..1]			1132
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1132
	TransactionIdentification <TxId>	[1..1]	±		1133
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1133
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1133
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1133
	Response <Rspn>	[1..1]	CodeSet		1133
	TMSTrigger <TMSTrggr>	[0..1]			1134
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1134
	TMSIdentification <TMSId>	[0..1]	Text		1134
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1134
	SupplementaryData <SplmtryData>	[0..*]	±	C3	1134
	CancellationResponse <CxlRspn>	[0..1]			1135
	Environment <Envt>	[1..1]	±		1135
	Transaction <Tx>	[1..1]			1141
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1141
	TransactionIdentification <TxId>	[1..1]	±		1142
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1142
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1142

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1142
	Response <Rspn>	[1..1]	CodeSet		1142
	TMSTrigger <TMSTrggr>	[0..1]			1143
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1143
	TMSIdentification <TMSId>	[0..1]	Text		1143
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1143
	BatchTransferResponse <BtchTrfRspn>	[0..1]			1143
	TransactionTotals <TxTtls>	[0..*]			1146
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1146
	CardBrand <CardBrnd>	[0..1]	Text		1146
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1147
	Currency <Ccy>	[0..1]	CodeSet	C1	1147
	Type <Tp>	[1..1]	CodeSet		1147
	TotalNumber <TtlNb>	[1..1]	Quantity		1147
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1147
	DataSet <DataSet>	[0..*]			1148
	DataSetIdentification <DataSetId>	[1..1]			1151
	Name <Nm>	[1..1]	Text		1151
	Type <Tp>	[1..1]	CodeSet		1151
	Version <Vrsn>	[0..1]	Text		1152
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1152
	DataSetResult <DataSetRslt>	[1..1]			1152
	Response <Rspn>	[1..1]	CodeSet		1152
	ResponseReason <RspnRsn>	[0..1]	Text		1152
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1153
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1153
	DataSetInitiator <DataSetInitr>	[0..1]	±		1153
	TransactionTotals <TxTtls>	[1..*]			1153
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1154
	CardBrand <CardBrnd>	[0..1]	Text		1154
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1154

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1154
	Type <Tp>	[1..1]	CodeSet		1154
	TotalNumber <TtlNb>	[1..1]	Quantity		1155
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1155
	RejectedTransaction <RjctdTx>	[0..*]			1155
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1156
	TransactionResponse <TxRspn>	[1..1]			1156
	Response <Rspn>	[1..1]	CodeSet		1156
	ResponseReason <RspnRsn>	[0..1]	Text		1157
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1157
	Environment <Envt>	[1..1]	±		1157
	Transaction <Tx>	[1..1]			1163
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1163
	TransactionIdentification <TxId>	[1..1]	±		1164
	Response <Rspn>	[1..1]	CodeSet		1164
	SuspendedTransaction <SspdTx>	[0..*]			1164
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1165
	TransactionResponse <TxRspn>	[1..1]			1165
	Response <Rspn>	[1..1]	CodeSet		1165
	ResponseReason <RspnRsn>	[0..1]	Text		1165
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1165
	Environment <Envt>	[1..1]	±		1165
	Transaction <Tx>	[1..1]			1172
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1172
	TransactionIdentification <TxId>	[1..1]	±		1173
	Response <Rspn>	[1..1]	CodeSet		1173
	ResumedApproval <RsmdApprvl>	[0..*]			1173
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1174
	TransactionResponse <TxRspn>	[1..1]			1174
	Response <Rspn>	[1..1]	CodeSet		1174
	ResponseReason <RspnRsn>	[0..1]	Text		1174

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1174
	Environment <Envt>	[1..1]	±		1174
	Transaction <Tx>	[1..1]			1181
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1181
	TransactionIdentification <TxId>	[1..1]	±		1182
	Response <Rspn>	[1..1]	CodeSet		1182
	ResumedRejection <RsmdRjctn>	[0..*]			1182
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1183
	TransactionResponse <TxRspn>	[1..1]			1183
	Response <Rspn>	[1..1]	CodeSet		1183
	ResponseReason <RspnRsn>	[0..1]	Text		1183
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1183
	Environment <Envt>	[1..1]	±		1183
	Transaction <Tx>	[1..1]			1190
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1190
	TransactionIdentification <TxId>	[1..1]	±		1191
	Response <Rspn>	[1..1]	CodeSet		1191
	Response <Rspn>	[1..1]	±		1191
	SecurityTrailer <SctyTrlr>	[0..1]	±		1191

28.3 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.

28.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

28.4.1 Header <Hdr>

Presence: [1..1]

Definition: AcquirerToAcceptorBatchFileExchange message management information.

Header <Hdr> contains the following **Header56** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		1120
	FormatVersion <FrmtVrsn>	[1..1]	Text		1120
	Exchangeldentification <Xchgld>	[1..1]	Quantity		1120
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1120
	InitiatingParty <InitgPty>	[1..1]	±		1121
	RecipientParty <RcptPty>	[0..1]	±		1121

28.4.1.1 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 1761](#)):

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

28.4.1.2 FormatVersion <FrmtVrsn>

Presence: [1..1]

Definition: Version of file format.

Datatype: ["Max6Text" on page 1767](#)

28.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number" on page 1762](#)

28.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: ["ISODatetime" on page 1759](#)

28.4.1.5 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 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

28.4.1.6 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

28.4.2 **BodyElement <BodyElmt>**

Presence: [0..*]

Definition: Record of an exchange to an Acceptor.

BodyElement <BodyElmt> contains the following **AcquirerToAcceptorFileBody1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionAdviceResponse <CmpltnAdvcRspn>	[0..1]			1126
	Environment <Envt>	[1..1]	±		1126
	Transaction <Tx>	[1..1]			1132
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1132
	TransactionIdentification <TxId>	[1..1]	±		1133
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1133
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1133
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1133
	Response <Rspn>	[1..1]	CodeSet		1133
	TMSTrigger <TMSTrggr>	[0..1]			1134
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1134
	TMSIdentification <TMSId>	[0..1]	Text		1134
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1134
	SupplementaryData <SplmtryData>	[0..*]	±	C3	1134
	CancellationResponse <CxlRspn>	[0..1]			1135
	Environment <Envt>	[1..1]	±		1135
	Transaction <Tx>	[1..1]			1141
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1141
	TransactionIdentification <TxId>	[1..1]	±		1142
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1142
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1142
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1142
	Response <Rspn>	[1..1]	CodeSet		1142
	TMSTrigger <TMSTrggr>	[0..1]			1143
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1143
	TMSIdentification <TMSId>	[0..1]	Text		1143
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1143
	BatchTransferResponse <BtchTrfRspn>	[0..1]			1143
	TransactionTotals <TxTtls>	[0..*]			1146
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1146
	CardBrand <CardBrnd>	[0..1]	Text		1146

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1147
	Currency <Ccy>	[0..1]	CodeSet	C1	1147
	Type <Tp>	[1..1]	CodeSet		1147
	TotalNumber <TtlNb>	[1..1]	Quantity		1147
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1147
	DataSet <DataSet>	[0..*]			1148
	DataSetIdentification <DataSetId>	[1..1]			1151
	Name <Nm>	[1..1]	Text		1151
	Type <Tp>	[1..1]	CodeSet		1151
	Version <Vrsn>	[0..1]	Text		1152
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1152
	DataSetResult <DataSetRslt>	[1..1]			1152
	Response <Rspn>	[1..1]	CodeSet		1152
	ResponseReason <RspnRsn>	[0..1]	Text		1152
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1153
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1153
	DataSetInitiator <DataSetInitr>	[0..1]	±		1153
	TransactionTotals <TxTtls>	[1..*]			1153
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1154
	CardBrand <CardBrnd>	[0..1]	Text		1154
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1154
	Currency <Ccy>	[0..1]	CodeSet	C1	1154
	Type <Tp>	[1..1]	CodeSet		1154
	TotalNumber <TtlNb>	[1..1]	Quantity		1155
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1155
	RejectedTransaction <RjctdTx>	[0..*]			1155
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1156
	TransactionResponse <TxRspn>	[1..1]			1156
	Response <Rspn>	[1..1]	CodeSet		1156
	ResponseReason <RspnRsn>	[0..1]	Text		1157
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1157

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		1157
	Transaction <Tx>	[1..1]			1163
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1163
	TransactionIdentification <TxId>	[1..1]	±		1164
	Response <Rspn>	[1..1]	CodeSet		1164
	SuspendedTransaction <SspdTx>	[0..*]			1164
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1165
	TransactionResponse <TxRspn>	[1..1]			1165
	Response <Rspn>	[1..1]	CodeSet		1165
	ResponseReason <RspnRsn>	[0..1]	Text		1165
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1165
	Environment <Envt>	[1..1]	±		1165
	Transaction <Tx>	[1..1]			1172
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1172
	TransactionIdentification <TxId>	[1..1]	±		1173
	Response <Rspn>	[1..1]	CodeSet		1173
	ResumedApproval <RsmdApprvl>	[0..*]			1173
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1174
	TransactionResponse <TxRspn>	[1..1]			1174
	Response <Rspn>	[1..1]	CodeSet		1174
	ResponseReason <RspnRsn>	[0..1]	Text		1174
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1174
	Environment <Envt>	[1..1]	±		1174
	Transaction <Tx>	[1..1]			1181
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1181
	TransactionIdentification <TxId>	[1..1]	±		1182
	Response <Rspn>	[1..1]	CodeSet		1182
	ResumedRejection <RsmdRjctn>	[0..*]			1182
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1183
	TransactionResponse <TxRspn>	[1..1]			1183
	Response <Rspn>	[1..1]	CodeSet		1183

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		1183
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1183
	Environment <Envt>	[1..1]	±		1183
	Transaction <Tx>	[1..1]			1190
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1190
	TransactionIdentification <TxId>	[1..1]	±		1191
	Response <Rspn>	[1..1]	CodeSet		1191

28.4.2.1 CompletionAdviceResponse <CmpltnAdvcrspn>

Presence: [0..1]

Definition: Information related to the completion advice response.

CompletionAdviceResponse <CmpltnAdvcrspn> contains the following **AcceptorCompletionAdviceResponse12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		1126
	Transaction <Tx>	[1..1]			1132
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1132
	TransactionIdentification <TxId>	[1..1]	±		1133
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1133
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1133
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1133
	Response <Rspn>	[1..1]	CodeSet		1133
	TMSTrigger <TMSTrggr>	[0..1]			1134
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1134
	TMSIdentification <TMSId>	[0..1]	Text		1134
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1134
	SupplementaryData <SplmtryData>	[0..*]	±	C3	1134

28.4.2.1.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

28.4.2.1.2 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1132
	TransactionIdentification <TxId>	[1..1]	±		1133
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1133
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1133
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1133
	Response <Rspn>	[1..1]	CodeSet		1133

28.4.2.1.2.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

28.4.2.1.2.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

28.4.2.1.2.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

28.4.2.1.2.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1764

28.4.2.1.2.5 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 1766

28.4.2.1.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 1748

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.

CodeName	Name	Definition
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.1.3 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
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1134
	TMSIdentification <TMSId>	[0..1]	Text		1134
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1134

28.4.2.1.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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.

28.4.2.1.3.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 1766

28.4.2.1.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1759

28.4.2.1.4 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 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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.

28.4.2.2 CancellationResponse <CxIRspn>

Presence: [0..1]

Definition: Information related to the cancellation advice response.

CancellationResponse <CxIRspn> contains the following **AcceptorCancellationAdviceResponse12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		1135
	Transaction <Tx>	[1..1]			1141
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1141
	TransactionIdentification <TxId>	[1..1]	±		1142
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1142
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1142
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1142
	Response <Rspn>	[1..1]	CodeSet		1142
	TMSTrigger <TMSTrggr>	[0..1]			1143
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1143
	TMSIdentification <TMSId>	[0..1]	Text		1143
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1143

28.4.2.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

28.4.2.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction from an acceptor to the acquirer.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1141
	TransactionIdentification <TxId>	[1..1]	±		1142
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1142
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1142
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1142
	Response <Rspn>	[1..1]	CodeSet		1142

28.4.2.2.2.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

28.4.2.2.2.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

28.4.2.2.2.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

28.4.2.2.2.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1764

28.4.2.2.2.5 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 1766

28.4.2.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 1748

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.

CodeName	Name	Definition
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.2.3 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
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1143
	TMSIdentification <TMSId>	[0..1]	Text		1143
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1143

28.4.2.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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.

28.4.2.2.3.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 1766

28.4.2.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1759

28.4.2.3 BatchTransferResponse <BtchTrfRspn>

Presence: [0..1]

Definition: Information related to the previously sent set of transaction.

BatchTransferResponse <BtchTrfRspn> contains the following
CardPaymentBatchTransferResponse11 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			1146
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1146
	CardBrand <CardBrnd>	[0..1]	Text		1146
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1147
	Currency <Ccy>	[0..1]	CodeSet	C1	1147
	Type <Tp>	[1..1]	CodeSet		1147
	TotalNumber <TtlNb>	[1..1]	Quantity		1147
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1147
	DataSet <DataSet>	[0..*]			1148
	DataSetIdentification <DataSetId>	[1..1]			1151
	Name <Nm>	[1..1]	Text		1151
	Type <Tp>	[1..1]	CodeSet		1151
	Version <Vrsn>	[0..1]	Text		1152
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1152
	DataSetResult <DataSetRslt>	[1..1]			1152
	Response <Rspn>	[1..1]	CodeSet		1152
	ResponseReason <RspnRsn>	[0..1]	Text		1152
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1153
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1153
	DataSetInitiator <DataSetInitr>	[0..1]	±		1153
	TransactionTotals <TxTtls>	[1..*]			1153
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1154
	CardBrand <CardBrnd>	[0..1]	Text		1154
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1154
	Currency <Ccy>	[0..1]	CodeSet	C1	1154
	Type <Tp>	[1..1]	CodeSet		1154
	TotalNumber <TtlNb>	[1..1]	Quantity		1155
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1155
	RejectedTransaction <RjctdTx>	[0..*]			1155
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1156

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionResponse <TxRspn>	[1..1]			1156
	Response <Rspn>	[1..1]	CodeSet		1156
	ResponseReason <RspnRsn>	[0..1]	Text		1157
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1157
	Environment <Envnt>	[1..1]	±		1157
	Transaction <Tx>	[1..1]			1163
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1163
	TransactionIdentification <TxId>	[1..1]	±		1164
	Response <Rspn>	[1..1]	CodeSet		1164
	SuspendedTransaction <SspdTx>	[0..*]			1164
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1165
	TransactionResponse <TxRspn>	[1..1]			1165
	Response <Rspn>	[1..1]	CodeSet		1165
	ResponseReason <RspnRsn>	[0..1]	Text		1165
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1165
	Environment <Envnt>	[1..1]	±		1165
	Transaction <Tx>	[1..1]			1172
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1172
	TransactionIdentification <TxId>	[1..1]	±		1173
	Response <Rspn>	[1..1]	CodeSet		1173
	ResumedApproval <RsmdApprvl>	[0..*]			1173
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1174
	TransactionResponse <TxRspn>	[1..1]			1174
	Response <Rspn>	[1..1]	CodeSet		1174
	ResponseReason <RspnRsn>	[0..1]	Text		1174
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1174
	Environment <Envnt>	[1..1]	±		1174
	Transaction <Tx>	[1..1]			1181
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1181
	TransactionIdentification <TxId>	[1..1]	±		1182
	Response <Rspn>	[1..1]	CodeSet		1182

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResumedRejection <RsmdRjctn>	[0..*]			1182
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1183
	TransactionResponse <TxRspn>	[1..1]			1183
	Response <Rspn>	[1..1]	CodeSet		1183
	ResponseReason <RspnRsn>	[0..1]	Text		1183
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1183
	Environment <Envt>	[1..1]	±		1183
	Transaction <Tx>	[1..1]			1190
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1190
	TransactionIdentification <TxId>	[1..1]	±		1191
	Response <Rspn>	[1..1]	CodeSet		1191

28.4.2.3.1 TransactionTotals <TxTtls>

Presence: [0..*]

Definition: Totals of transactions of all the data sets.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1146
	CardBrand <CardBrnd>	[0..1]	Text		1146
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1147
	Currency <Ccy>	[0..1]	CodeSet	C1	1147
	Type <Tp>	[1..1]	CodeSet		1147
	TotalNumber <TtlNb>	[1..1]	Quantity		1147
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1147

28.4.2.3.1.1 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 1766

28.4.2.3.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1766

28.4.2.3.1.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 1766

28.4.2.3.1.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

28.4.2.3.1.5 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals2Code" on page 1756

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.

28.4.2.3.1.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1762

28.4.2.3.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

28.4.2.3.2 DataSet <DataSet>

Presence: [0..*]

Definition: Information related to the previously sent set of transaction.

DataSet <DataSet> contains the following **CardPaymentDataSet36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			1151
	Name <Nm>	[1..1]	Text		1151
	Type <Tp>	[1..1]	CodeSet		1151
	Version <Vrsn>	[0..1]	Text		1152
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1152
	DataSetResult <DataSetRslt>	[1..1]			1152
	Response <Rspn>	[1..1]	CodeSet		1152
	ResponseReason <RspnRsn>	[0..1]	Text		1152
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1153
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1153
	DataSetInitiator <DataSetInitr>	[0..1]	±		1153
	TransactionTotals <TxTtls>	[1..*]			1153
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1154
	CardBrand <CardBrnd>	[0..1]	Text		1154
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1154
	Currency <Ccy>	[0..1]	CodeSet	C1	1154
	Type <Tp>	[1..1]	CodeSet		1154
	TotalNumber <TtlNb>	[1..1]	Quantity		1155
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1155
	RejectedTransaction <RjctdTx>	[0..*]			1155
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1156
	TransactionResponse <TxRspn>	[1..1]			1156
	Response <Rspn>	[1..1]	CodeSet		1156
	ResponseReason <RspnRsn>	[0..1]	Text		1157
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1157
	Environment <Envt>	[1..1]	±		1157
	Transaction <Tx>	[1..1]			1163
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1163
	TransactionIdentification <TxId>	[1..1]	±		1164
	Response <Rspn>	[1..1]	CodeSet		1164
	SuspendedTransaction <SspdTx>	[0..*]			1164

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1165
	TransactionResponse <TxRspn>	[1..1]			1165
	Response <Rspn>	[1..1]	CodeSet		1165
	ResponseReason <RspnRsn>	[0..1]	Text		1165
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1165
	Environment <Envnt>	[1..1]	±		1165
	Transaction <Tx>	[1..1]			1172
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1172
	TransactionIdentification <TxId>	[1..1]	±		1173
	Response <Rspn>	[1..1]	CodeSet		1173
	ResumedApproval <RsmdApprvl>	[0..*]			1173
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1174
	TransactionResponse <TxRspn>	[1..1]			1174
	Response <Rspn>	[1..1]	CodeSet		1174
	ResponseReason <RspnRsn>	[0..1]	Text		1174
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1174
	Environment <Envnt>	[1..1]	±		1174
	Transaction <Tx>	[1..1]			1181
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1181
	TransactionIdentification <TxId>	[1..1]	±		1182
	Response <Rspn>	[1..1]	CodeSet		1182
	ResumedRejection <RsmdRjctn>	[0..*]			1182
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1183
	TransactionResponse <TxRspn>	[1..1]			1183
	Response <Rspn>	[1..1]	CodeSet		1183
	ResponseReason <RspnRsn>	[0..1]	Text		1183
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1183
	Environment <Envnt>	[1..1]	±		1183
	Transaction <Tx>	[1..1]			1190
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1190
	TransactionIdentification <TxId>	[1..1]	±		1191

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1191

28.4.2.3.2.1 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
	Name <Nm>	[1..1]	Text		1151
	Type <Tp>	[1..1]	CodeSet		1151
	Version <Vrsn>	[0..1]	Text		1152
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1152

28.4.2.3.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 1765

28.4.2.3.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 1728

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.

CodeName	Name	Definition
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.

28.4.2.3.2.1.3 Version <Vrsn>*Presence:* [0..1]*Definition:* Version of the data set.*Datatype:* "Max256Text" on page 1765**28.4.2.3.2.1.4 CreationDateTime <CreDtTm>***Presence:* [1..1]*Definition:* Date and time of creation of the data set.*Datatype:* "ISODateTime" on page 1759**28.4.2.3.2.2 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
	Response <Rspn>	[1..1]	CodeSet		1152
	ResponseReason <RspnRsn>	[0..1]	Text		1152
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1153

28.4.2.3.2.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

28.4.2.3.2.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1766

28.4.2.3.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1764

28.4.2.3.2.3 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 1761):

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

28.4.2.3.2.4 DataSetInitiator <DataSetInitr>

Presence: [0..1]

Definition: Initiator of the data set.

DataSetInitiator <DataSetInitr> contains the following elements (see "GenericIdentification176" on page 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

28.4.2.3.2.5 TransactionTotals <TxTtls>

Presence: [1..*]

Definition: Transaction totals of the batch.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		1154
	CardBrand <CardBrnd>	[0..1]	Text		1154
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1154
	Currency <Ccy>	[0..1]	CodeSet	C1	1154
	Type <Tp>	[1..1]	CodeSet		1154
	TotalNumber <TtlNb>	[1..1]	Quantity		1155
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1155

28.4.2.3.2.5.1 POIGrouplIdentification <POIGrpld>

Presence: [0..1]

Definition: Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

Datatype: "Max35Text" on page 1766

28.4.2.3.2.5.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1766

28.4.2.3.2.5.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 1766

28.4.2.3.2.5.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

28.4.2.3.2.5.5 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals2Code" on page 1756

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.

28.4.2.3.2.5.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1762

28.4.2.3.2.5.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

28.4.2.3.2.6 RejectedTransaction <RjctdTxx>

Presence: [0..*]

Definition: Transaction in the batch, whose capture has been rejected.

RejectedTransaction <RjctdTx> contains the following **CardPaymentDataSet35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1156
	TransactionResponse <TxRspn>	[1..1]			1156
	Response <Rspn>	[1..1]	CodeSet		1156
	ResponseReason <RspnRsn>	[0..1]	Text		1157
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1157
	Environment <Envt>	[1..1]	±		1157
	Transaction <Tx>	[1..1]			1163
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1163
	TransactionIdentification <TxId>	[1..1]	±		1164
	Response <Rspn>	[1..1]	CodeSet		1164

28.4.2.3.2.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1768

28.4.2.3.2.6.2 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
	Response <Rspn>	[1..1]	CodeSet		1156
	ResponseReason <RspnRsn>	[0..1]	Text		1157
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1157

28.4.2.3.2.6.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1748

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.

CodeName	Name	Definition
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).

28.4.2.3.2.6.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1766

28.4.2.3.2.6.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1764

28.4.2.3.2.6.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BillgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

28.4.2.3.2.6.4 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		1163
	TransactionIdentification <TxId>	[1..1]	±		1164
	Response <Rspn>	[1..1]	CodeSet		1164

28.4.2.3.2.6.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

28.4.2.3.2.6.4.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

28.4.2.3.2.6.4.3 Response <Rspn>*Presence:* [1..1]*Definition:* Result of a requested service.*Datatype:* "**Response1Code**" on page 1748

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.3.2.7 SuspendedTransaction <SspdTx>*Presence:* [0..*]*Definition:* Transaction in the batch, whose capture has been suspended.**SuspendedTransaction <SspdTx>** contains the following **CardPaymentDataSet35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1165
	TransactionResponse <TxRspn>	[1..1]			1165
	Response <Rspn>	[1..1]	CodeSet		1165
	ResponseReason <RspnRsn>	[0..1]	Text		1165
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1165
	Environment <Envnt>	[1..1]	±		1165
	Transaction <Tx>	[1..1]			1172
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1172
	TransactionIdentification <TxId>	[1..1]	±		1173
	Response <Rspn>	[1..1]	CodeSet		1173

28.4.2.3.2.7.1 TransactionSequenceCounter <TxSeqCntr>*Presence:* [1..1]*Definition:* Sequential counter of the transaction.*Datatype:* "Max9NumericText" on page 1768**28.4.2.3.2.7.2 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
	Response <Rspn>	[1..1]	CodeSet		1165
	ResponseReason <RspnRsn>	[0..1]	Text		1165
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1165

28.4.2.3.2.7.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

28.4.2.3.2.7.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**28.4.2.3.2.7.2.3 AdditionalResponseInformation <AddtlRspnInf>***Presence:* [0..1]*Definition:* Additional information on the response for further examination.*Datatype:* "Max140Text" on page 1764**28.4.2.3.2.7.3 Environment <Envt>***Presence:* [1..1]

Definition: Data related to the environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

28.4.2.3.2.7.4 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		1172
	TransactionIdentification <TxId>	[1..1]	±		1173
	Response <Rspn>	[1..1]	CodeSet		1173

28.4.2.3.2.7.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

28.4.2.3.2.7.4.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

28.4.2.3.2.7.4.3 Response <Rspn>*Presence:* [1..1]*Definition:* Result of a requested service.*Datatype:* "Response1Code" on page 1748

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.3.2.8 ResumedApproval <RsmdApprvl>*Presence:* [0..*]*Definition:* Transaction in the batch, whose capture has been approved after suspension.**ResumedApproval <RsmdApprvl>** contains the following **CardPaymentDataSet35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1174
	TransactionResponse <TxRspn>	[1..1]			1174
	Response <Rspn>	[1..1]	CodeSet		1174
	ResponseReason <RspnRsn>	[0..1]	Text		1174
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1174
	Environment <Envt>	[1..1]	±		1174
	Transaction <Tx>	[1..1]			1181
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1181
	TransactionIdentification <TxId>	[1..1]	±		1182
	Response <Rspn>	[1..1]	CodeSet		1182

28.4.2.3.2.8.1 TransactionSequenceCounter <TxSeqCntr>*Presence:* [1..1]*Definition:* Sequential counter of the transaction.*Datatype:* "Max9NumericText" on page 1768**28.4.2.3.2.8.2 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
	Response <Rspn>	[1..1]	CodeSet		1174
	ResponseReason <RspnRsn>	[0..1]	Text		1174
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1174

28.4.2.3.2.8.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

28.4.2.3.2.8.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**28.4.2.3.2.8.2.3 AdditionalResponseInformation <AddtlRspnInf>***Presence:* [0..1]*Definition:* Additional information on the response for further examination.*Datatype:* "Max140Text" on page 1764**28.4.2.3.2.8.3 Environment <Envt>***Presence:* [1..1]

Definition: Data related to the environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <CrdhldrId>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <DrvrId>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

28.4.2.3.2.8.4 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		1181
	TransactionIdentification <TxId>	[1..1]	±		1182
	Response <Rspn>	[1..1]	CodeSet		1182

28.4.2.3.2.8.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

28.4.2.3.2.8.4.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

28.4.2.3.2.8.4.3 Response <Rspn>*Presence:* [1..1]*Definition:* Result of a requested service.*Datatype:* "**Response1Code**" on page 1748

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.3.2.9 ResumedRejection <RsmdRjctn>*Presence:* [0..*]*Definition:* Transaction in the batch, whose capture has been rejected after suspension.**ResumedRejection <RsmdRjctn>** contains the following **CardPaymentDataSet35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1183
	TransactionResponse <TxRspn>	[1..1]			1183
	Response <Rspn>	[1..1]	CodeSet		1183
	ResponseReason <RspnRsn>	[0..1]	Text		1183
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1183
	Environment <Envt>	[1..1]	±		1183
	Transaction <Tx>	[1..1]			1190
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1190
	TransactionIdentification <TxId>	[1..1]	±		1191
	Response <Rspn>	[1..1]	CodeSet		1191

28.4.2.3.2.9.1 TransactionSequenceCounter <TxSeqCntr>*Presence:* [1..1]*Definition:* Sequential counter of the transaction.*Datatype:* "Max9NumericText" on page 1768**28.4.2.3.2.9.2 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
	Response <Rspn>	[1..1]	CodeSet		1183
	ResponseReason <RspnRsn>	[0..1]	Text		1183
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1183

28.4.2.3.2.9.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

28.4.2.3.2.9.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**28.4.2.3.2.9.2.3 AdditionalResponseInformation <AddtlRspnInf>***Presence:* [0..1]*Definition:* Additional information on the response for further examination.*Datatype:* "Max140Text" on page 1764**28.4.2.3.2.9.3 Environment <Envt>***Presence:* [1..1]

Definition: Data related to the environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment80](#)" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

28.4.2.3.2.9.4 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		1190
	TransactionIdentification <TxId>	[1..1]	±		1191
	Response <Rspn>	[1..1]	CodeSet		1191

28.4.2.3.2.9.4.1 SaleReferenceIdentification <SaleRefId>*Presence:* [0..1]*Definition:* Global reference of the sale transaction for the sale system.*Datatype:* "Max35Text" on page 1766

28.4.2.3.2.9.4.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

28.4.2.3.2.9.4.3 Response <Rspn>*Presence:* [1..1]*Definition:* Result of a requested service.*Datatype:* ["Response1Code"](#) on page 1748

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.3 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the processing of the request.**Response <Rspn>** contains the following elements (see ["ResponseType11"](#) on page 1598 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1599
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1599
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1600

28.4.4 SecurityTrailer <SctyTrlr>*Presence:* [0..1]*Definition:* Trailer of the message containing a MAC or a signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on page 1683 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1683
	AuthenticatedData <AuthntcdData>	[0..1]	±		1683
	SignedData <SgndData>	[0..1]	±		1684

29 Message Items Types

29.1 MessageComponents

29.1.1 Acquirer

29.1.1.1 Acquirer10

Definition: Acquirer involved in the card payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1193
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1193

29.1.1.1.1 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

29.1.1.1.2 ParametersVersion <ParamsVrsn>

Presence: [0..1]

Definition: Version of the payment acquirer parameters of the POI.

Datatype: "Max256Text" on page 1765

29.1.1.2 KEKIdentifier7

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		1194
	KeyVersion <KeyVrsn>	[1..1]	Text		1194
	SequenceNumber <SeqNb>	[0..1]	Quantity		1194
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1194

29.1.1.2.1 KeyIdentification <KeyId>

Presence: [1..1]

Definition: Identification of the cryptographic key.

Datatype: "Max140Text" on page 1764

29.1.1.2.2 KeyVersion <KeyVrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max140Text" on page 1764

29.1.1.2.3 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Number of usages of the cryptographic key.

Datatype: "Number" on page 1762

29.1.1.2.4 DerivationIdentification <DerivtnId>

Presence: [0..1]

Definition: Identification used for derivation of a unique key from a master key provided for the data protection.

Datatype: "Max500Binary" on page 1704

29.1.2 Address

29.1.2.1 CommunicationAddress9

Definition: Communication information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1195
	Email <Email>	[0..1]	Text		1195
	URLAddress <URLAdr>	[0..1]	Text		1195
	Phone <Phne>	[0..1]	Text		1196
	CustomerService <CstmrSvc>	[0..1]	Text		1196
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1196

29.1.2.1.1 PostalAddress <PstlAdr>

Presence: [0..1]

Definition: Postal address of the entity.

PostalAddress <PstlAdr> contains the following elements (see ["PostalAddress22" on page 1625](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1626
	Department <Dept>	[0..1]	Text		1626
	SubDepartment <SubDept>	[0..1]	Text		1626
	AddressLine <AdrLine>	[0..2]	Text		1626
	StreetName <StrtNm>	[0..1]	Text		1627
	BuildingNumber <BldgNb>	[0..1]	Text		1627
	PostCode <PstCd>	[0..1]	Text		1627
	TownName <TwnNm>	[0..1]	Text		1627
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		1627
	CountryCode <CtryCd>	[0..1]	Text		1627

29.1.2.1.2 Email <Email>

Presence: [0..1]

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

Datatype: ["Max256Text" on page 1765](#)

29.1.2.1.3 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 1765](#)

29.1.2.1.4 Phone <Phne>

Presence: [0..1]
Definition: Collection of information that identifies a phone number, as defined by telecom services.
Datatype: "PhoneNumber" on page 1769

29.1.2.1.5 CustomerService <CstmrSvc>

Presence: [0..1]
Definition: Phone number of the customer service.
Datatype: "PhoneNumber" on page 1769

29.1.2.1.6 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 1765

29.1.3 Amount

29.1.3.1 AmountAndDirection93

Definition: Signed amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1196
	Currency <Ccy>	[1..1]	CodeSet	C1	1196
	Sign <Sgn>	[0..1]	Indicator		1197

29.1.3.1.1 Amount <Amt>

Presence: [1..1]
Definition: Amount value.
Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.3.1.2 Currency <Ccy>

Presence: [1..1]
Definition: Currency associated with the transaction.
Impacted by: C1 "ActiveCurrency"
Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.3.1.3 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 1761):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

29.1.3.2 InstalmentAmountDetails1

Definition: Instalment amount details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1197
	OtherType <OthrTp>	[0..1]	Text		1197
	SubType <SubTp>	[0..1]	Text		1198
	Amount <Amt>	[0..1]	±		1198
	Percentage <Pctg>	[0..1]	Rate		1198

29.1.3.2.1 Type <Tp>

Presence: [0..1]

Definition: Grace period unit type.

Datatype: "[InstalmentAmountDetailsType1Code](#)" on page 1732

CodeName	Name	Definition
TAXX	Tax	Instalment amount tax
RQST	Requested	Requested amount
OTHP	OtherPrivate	Grace period unit type
OTHN	OtherNational	Grace period unit type
OTHC	OtherCharges	Other amounts
INSU	Insurance	Insurance amount
FUNA	Funded	Funded amount
FEES	Fees	Fees amount
EXPN	Expense	Expense Amount
AFCO	AnnualFinancingCost	Total financing cost per annum.

29.1.3.2.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: ["Max35Text" on page 1766](#)

29.1.3.2.3 SubType <SubTp>

Presence: [0..1]

Definition: Grace period sub type.

Datatype: ["Max35Text" on page 1766](#)

29.1.3.2.4 Amount <Amt>

Presence: [0..1]

Definition: Detailed instalment amount.

Amount <Amt> contains the following elements (see ["Amount5" on page 1198](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1198
	Sign <Sgn>	[0..1]	Indicator		1198

29.1.3.2.5 Percentage <Pctg>

Presence: [0..1]

Definition: Rate expressed as a percentage, that is, in hundredths, example, 0.7 is 7/10 of a percent, and 7.0 is 7%.

Datatype: ["PercentageRate" on page 1762](#)

29.1.3.3 Amount5

Definition: Signed amount in a given numeric currency

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1198
	Sign <Sgn>	[0..1]	Indicator		1198

29.1.3.3.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: ["ImpliedCurrencyAndAmount" on page 1701](#)

29.1.3.3.2 Sign <Sgn>

Presence: [0..1]

Definition: Sign of the amount.

Datatype: One of the following values must be used (see ["PlusOrMinusIndicator" on page 1761](#)):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

29.1.3.4 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		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

29.1.3.4.1 AmountGoodsAndServices <AmtGoodsAndSvcs>

Presence: [0..1]

Definition: Amount of purchase goods and services without tax.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.3.4.2 CashBack <CshBck>

Presence: [0..1]

Definition: Cash-back amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.3.4.3 Gratuity <Grtty>

Presence: [0..1]

Definition: Gratuity amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.3.4.4 Fees <Fees>

Presence: [0..*]

Definition: Fees amount.

Fees <Fees> contains the following elements (see "DetailedAmount4" on page 1200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1200
	Label <Labl>	[0..1]	Text		1201

29.1.3.4.5 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 1200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1200
	Label <Labl>	[0..1]	Text		1201

29.1.3.4.6 ValueAddedTax <ValAddedTax>*Presence:* [0..*]*Definition:* Value added tax amount.**ValueAddedTax <ValAddedTax>** contains the following elements (see "[DetailedAmount4](#)" on page 1200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1200
	Label <Labl>	[0..1]	Text		1201

29.1.3.4.7 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 1200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1200
	Label <Labl>	[0..1]	Text		1201

29.1.3.5 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		1200
	Label <Labl>	[0..1]	Text		1201

29.1.3.5.1 Amount <Amt>*Presence:* [1..1]*Definition:* Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.3.5.2 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 1764

29.1.4 Card Transaction

29.1.4.1 GracePeriod1

Definition: Grace period applicable to an instalment plan.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		1201
	UnitType <UnitTp>	[1..1]	CodeSet		1201
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1201

29.1.4.1.1 Time <Tm>

Presence: [1..1]

Definition: Grace period time relative to the grace period unit type.

Datatype: "Max3NumericText" on page 1766

29.1.4.1.2 UnitType <UnitTp>

Presence: [1..1]

Definition: Grace period unit type.

Datatype: "GracePeriodUnitType1Code" on page 1731

CodeName	Name	Definition
WEKS	Weeks	Grace period weeks.
PMTS	Payments	Grace period payments.
OTHP	OtherPrivate	Other Private Grace period.
OTHN	OtherNational	Other National Grace period.
MNTH	Months	Grace period months.
DAYS	Days	Grace period days.

29.1.4.1.3 OtherUnitType <OthrUnitTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 1766

29.1.4.2 CardPaymentDataSetTransaction49

Definition: Card payment transaction including an authorisation response.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1207
	Traceability <Tracblt>	[0..*]	±		1207
	Environment <Envt>	[1..1]	±		1208
	Transaction <Tx>	[1..1]			1214
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1217
	TransactionIdentification <TxId>	[1..1]	±		1217
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1217
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1217
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1217
	InterchangeData <IntrchnngData>	[0..1]	Text		1218
	TransactionDetails <TxDtls>	[1..1]			1218
	Currency <Ccy>	[0..1]	CodeSet	C1	1221
	TotalAmount <TtlAmt>	[1..1]	Amount		1221
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1221
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1221
	DetailedAmount <DtldAmt>	[0..1]	±		1221
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1222
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1222
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1222
	ValidityDate <VldtyDt>	[0..1]	Date		1222
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1222
	UnattendedLevelCategory <UattnddlvlCtgy>	[0..1]	Text		1223
	AccountType <AcctTp>	[0..1]	CodeSet		1223
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1224
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		1226
	Conversion <Convs>	[0..1]			1226
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1228
	TargetCurrency <TrgtCcy>	[1..1]			1228
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1228
	NumericCode <NmrcCd>	[1..1]	Text		1228
	Decimal <Dcml>	[1..1]	Quantity		1228

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1228
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1229
	ExchangeRate <XchgRate>	[1..1]	Rate		1229
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1229
	QuotationDate <QtnDt>	[0..1]	DateTime		1229
	ValidFrom <VldFr>	[0..1]	DateTime		1229
	ValidUntil <VldUntil>	[0..1]	DateTime		1229
	SourceCurrency <SrcCcy>	[1..1]			1229
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1230
	NumericCode <NmrcCd>	[0..1]	Text		1230
	Decimal <Dcml>	[0..1]	Quantity		1230
	Name <Nm>	[0..1]	Text		1230
	ApplicableBinRange <ApplBinRg>	[0..*]			1230
	LowerBin <LwrBin>	[1..1]	Text		1231
	HigherBin <HghrBin>	[1..1]	Text		1231
	OriginalAmount <OrgnlAmt>	[0..1]			1231
	ActualAmount <ActlAmt>	[0..1]	Amount		1231
	MinimumAmount <MinAmt>	[0..1]	Amount		1231
	MaximumAmount <MaxAmt>	[0..1]	Amount		1231
	CommissionDetails <ComssnDtls>	[0..*]			1232
	Amount <Amt>	[1..1]	Amount		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	MarkupDetails <MrkUpDtls>	[0..*]			1232
	Rate <Rate>	[1..1]	Rate		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	DeclarationDetails <DclrtDtls>	[0..*]	±		1232
	Instalment <Instlmt>	[0..*]	±		1233
	Recurring <Rcrng>	[0..1]	±		1234
	AggregationTransaction <AggtnTx>	[0..1]	±		1235
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1235
	SaleItem <Saleitm>	[0..*]	±		1235

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1236
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1236
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1236
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1236
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1237
	AdditionalInformation <AddtlInf>	[0..*]			1237
	Identification <Id>	[1..1]	Text		1237
	Value <Val>	[0..1]	Binary		1237
	ProtectedValue <PrctdVal>	[0..1]	±		1237
	Type <Tp>	[0..1]	Text		1238
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1238
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1238
	TransactionResponse <TxRspn>	[1..1]			1238
	AuthorisationResult <AuthstnRslt>	[1..1]			1241
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1241
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1242
	Response <Rspn>	[1..1]	CodeSet		1242
	ResponseReason <RspnRsn>	[0..1]	Text		1242
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1242
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1242
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1242
	TMSTrigger <TMSTrggr>	[0..1]			1243
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1243
	TMSIdentification <TMSId>	[0..1]	Text		1243
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1243
	AllowedProductCode <AllwdPdctCd>	[0..*]			1243
	ProductCode <PdctCd>	[1..1]	Text		1244
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1244
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1244
	ProductCode <PdctCd>	[1..1]	Text		1244
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1244

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1244
	ProductCode <PdctCd>	[1..1]	Text		1245
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1245
	AmountLimit <AmtLmt>	[0..1]	Amount		1245
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1245
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1245
	Balance <Bal>	[0..1]	±		1247
	ProtectedBalance <PrctcdBal>	[0..1]	±		1247
	Action <Actn>	[0..*]			1248
	ActionType <ActnTp>	[1..1]	CodeSet		1248
	MessageToPresent <MsgToPres>	[0..1]	±		1249
	RemoteAccess <RmotAccs>	[0..1]	±		1250
	Retry <Rtry>	[0..1]	±		1250
	TimeCondition <TmCond>	[0..1]	±		1250
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1251
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1253
	TargetCurrency <TrgtCcy>	[1..1]			1253
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1253
	NumericCode <NmrcCd>	[1..1]	Text		1253
	Decimal <Dcml>	[1..1]	Quantity		1253
	Name <Nm>	[0..1]	Text		1254
	ResultingAmount <RsltAmt>	[0..1]	Amount		1254
	ExchangeRate <XchgRate>	[1..1]	Rate		1254
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1254
	QuotationDate <QtnDt>	[0..1]	DateTime		1254
	ValidFrom <VldFr>	[0..1]	DateTime		1254
	ValidUntil <VldUntil>	[0..1]	DateTime		1254
	SourceCurrency <SrcCcy>	[1..1]			1254
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1255
	NumericCode <NmrcCd>	[0..1]	Text		1255
	Decimal <Dcml>	[0..1]	Quantity		1255

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1255
	ApplicableBinRange <ApblBinRg>	[0..*]			1255
	LowerBin <LwrBin>	[1..1]	Text		1256
	HigherBin <HghrBin>	[1..1]	Text		1256
	OriginalAmount <OrgnlAmt>	[0..1]			1256
	ActualAmount <ActlAmt>	[0..1]	Amount		1256
	MinimumAmount <MinAmt>	[0..1]	Amount		1256
	MaximumAmount <MaxAmt>	[0..1]	Amount		1256
	CommissionDetails <ComssnDtls>	[0..*]			1257
	Amount <Amt>	[1..1]	Amount		1257
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257
	MarkUpDetails <MrkUpDtls>	[0..*]			1257
	Rate <Rate>	[1..1]	Rate		1257
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1257

29.1.4.2.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1768

29.1.4.2.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

29.1.4.2.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the card payment transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

29.1.4.2.4 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction authorisation result.

Transaction <Tx> contains the following **CardPaymentTransaction137** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1217
	TransactionIdentification <TxId>	[1..1]	±		1217
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1217
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1217
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1217
	InterchangeData <IntrchgData>	[0..1]	Text		1218
	TransactionDetails <TxDtls>	[1..1]			1218
	Currency <Ccy>	[0..1]	CodeSet	C1	1221
	TotalAmount <TtlAmt>	[1..1]	Amount		1221
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1221
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1221
	DetailedAmount <DtldAmt>	[0..1]	±		1221
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1222
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1222
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1222
	ValidityDate <VldtyDt>	[0..1]	Date		1222
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1222
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1223
	AccountType <AcctTp>	[0..1]	CodeSet		1223
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1224
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1226
	Conversion <Convs>	[0..1]			1226
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1228
	TargetCurrency <TrgtCcy>	[1..1]			1228
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1228
	NumericCode <NmrcCd>	[1..1]	Text		1228
	Decimal <Dcml>	[1..1]	Quantity		1228
	Name <Nm>	[0..1]	Text		1228
	ResultingAmount <RsltAmt>	[0..1]	Amount		1229
	ExchangeRate <XchgRate>	[1..1]	Rate		1229
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1229

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		1229
	ValidFrom <VldFr>	[0..1]	DateTime		1229
	ValidUntil <VldUntil>	[0..1]	DateTime		1229
	SourceCurrency <SrcCcy>	[1..1]			1229
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1230
	NumericCode <NmrcCd>	[0..1]	Text		1230
	Decimal <Dcml>	[0..1]	Quantity		1230
	Name <Nm>	[0..1]	Text		1230
	ApplicableBinRange <ApblBinRg>	[0..*]			1230
	LowerBin <LwrBin>	[1..1]	Text		1231
	HigherBin <HghrBin>	[1..1]	Text		1231
	OriginalAmount <OrgnlAmt>	[0..1]			1231
	ActualAmount <ActlAmt>	[0..1]	Amount		1231
	MinimumAmount <MinAmt>	[0..1]	Amount		1231
	MaximumAmount <MaxAmt>	[0..1]	Amount		1231
	CommissionDetails <ComssnDtls>	[0..*]			1232
	Amount <Amt>	[1..1]	Amount		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	MarkUpDetails <MrkUpDtls>	[0..*]			1232
	Rate <Rate>	[1..1]	Rate		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1232
	Instalment <Instlmt>	[0..*]	±		1233
	Recurring <Rcrng>	[0..1]	±		1234
	AggregationTransaction <AggtnTx>	[0..1]	±		1235
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1235
	SaleItem <Saleitm>	[0..*]	±		1235
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1236
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1236
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1236
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1237
	AdditionalInformation <AddtlInf>	[0..*]			1237
	Identification <Id>	[1..1]	Text		1237
	Value <Val>	[0..1]	Binary		1237
	ProtectedValue <PrctcdVal>	[0..1]	±		1237
	Type <Tp>	[0..1]	Text		1238
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1238
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1238

29.1.4.2.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.4.2.4.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

29.1.4.2.4.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.4.2.4.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1764

29.1.4.2.4.5 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 1766

29.1.4.2.4.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1764

29.1.4.2.4.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1221
	TotalAmount <TtlAmt>	[1..1]	Amount		1221
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1221
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1221
	DetailedAmount <DtldAmt>	[0..1]	±		1221
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1222
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1222
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1222
	ValidityDate <VldtyDt>	[0..1]	Date		1222
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1222
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1223
	AccountType <AcctTp>	[0..1]	CodeSet		1223
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1224
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1226
	Conversion <Convs>	[0..1]			1226
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1228
	TargetCurrency <TrgtCcy>	[1..1]			1228
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1228
	NumericCode <NmrcCd>	[1..1]	Text		1228
	Decimal <Dcml>	[1..1]	Quantity		1228
	Name <Nm>	[0..1]	Text		1228
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1229
	ExchangeRate <XchgRate>	[1..1]	Rate		1229
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1229
	QuotationDate <QtnDt>	[0..1]	DateTime		1229
	ValidFrom <VldFr>	[0..1]	DateTime		1229
	ValidUntil <VldUntil>	[0..1]	DateTime		1229
	SourceCurrency <SrcCcy>	[1..1]			1229
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1230
	NumericCode <NmrcCd>	[0..1]	Text		1230
	Decimal <Dcml>	[0..1]	Quantity		1230

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1230
	ApplicableBinRange <ApblBinRg>	[0..*]			1230
	LowerBin <LwrBin>	[1..1]	Text		1231
	HigherBin <HghrBin>	[1..1]	Text		1231
	OriginalAmount <OrgnlAmt>	[0..1]			1231
	ActualAmount <ActlAmt>	[0..1]	Amount		1231
	MinimumAmount <MinAmt>	[0..1]	Amount		1231
	MaximumAmount <MaxAmt>	[0..1]	Amount		1231
	CommissionDetails <ComssnDtls>	[0..*]			1232
	Amount <Amt>	[1..1]	Amount		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	MarkUpDetails <MrkUpDtls>	[0..*]			1232
	Rate <Rate>	[1..1]	Rate		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1232
	Instalment <Instlmt>	[0..*]	±		1233
	Recurring <Rcrng>	[0..1]	±		1234
	AggregationTransaction <AggtTx>	[0..1]	±		1235
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1235
	SaleItem <Saleitm>	[0..*]	±		1235
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1236
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1236
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1236
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1236
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1237
	AdditionalInformation <AddtlInf>	[0..*]			1237
	Identification <Id>	[1..1]	Text		1237
	Value <Val>	[0..1]	Binary		1237
	ProtectedValue <PrctcdVal>	[0..1]	±		1237
	Type <Tp>	[0..1]	Text		1238
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1238

29.1.4.2.4.7.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

29.1.4.2.4.7.2 TotalAmount <TtlAmt>*Presence:* [1..1]*Definition:* Total amount of the transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.2.4.7.3 CumulativeAmount <CmltvAmt>***Presence:* [0..1]*Definition:* Contains the updated amount of all authorisations related to the same business transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.2.4.7.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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.

29.1.4.2.4.7.5 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 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

29.1.4.2.4.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.4.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.4.7.8 InvoiceAmount <InvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.4.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

29.1.4.2.4.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

29.1.4.2.4.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1766

29.1.4.2.4.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.

29.1.4.2.4.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1226
	Conversion <Convs>	[0..1]			1226
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1228
	TargetCurrency <TrgtCcy>	[1..1]			1228
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1228
	NumericCode <NmrcCd>	[1..1]	Text		1228
	Decimal <Dcml>	[1..1]	Quantity		1228
	Name <Nm>	[0..1]	Text		1228
	ResultingAmount <RsltAmt>	[0..1]	Amount		1229
	ExchangeRate <XchgRate>	[1..1]	Rate		1229
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1229
	QuotationDate <QtnDt>	[0..1]	DateTime		1229
	ValidFrom <VldFr>	[0..1]	DateTime		1229
	ValidUntil <VldUntil>	[0..1]	DateTime		1229
	SourceCurrency <SrcCcy>	[1..1]			1229
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1230
	NumericCode <NmrcCd>	[0..1]	Text		1230
	Decimal <Dcml>	[0..1]	Quantity		1230
	Name <Nm>	[0..1]	Text		1230
	ApplicableBinRange <AplblBinRg>	[0..*]			1230
	LowerBin <LwrBin>	[1..1]	Text		1231
	HigherBin <HghrBin>	[1..1]	Text		1231
	OriginalAmount <OrgnlAmt>	[0..1]			1231
	ActualAmount <ActlAmt>	[0..1]	Amount		1231
	MinimumAmount <MinAmt>	[0..1]	Amount		1231
	MaximumAmount <MaxAmt>	[0..1]	Amount		1231
	CommissionDetails <ComssnDtls>	[0..*]			1232
	Amount <Amt>	[1..1]	Amount		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	MarkUpDetails <MrkUpDtls>	[0..*]			1232

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1232

29.1.4.2.4.7.13.1 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 1761](#)):

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

29.1.4.2.4.7.13.2 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1228
	TargetCurrency <TrgtCcy>	[1..1]			1228
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1228
	NumericCode <NmrcCd>	[1..1]	Text		1228
	Decimal <Dcml>	[1..1]	Quantity		1228
	Name <Nm>	[0..1]	Text		1228
	ResultingAmount <RsltAmt>	[0..1]	Amount		1229
	ExchangeRate <XchgRate>	[1..1]	Rate		1229
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1229
	QuotationDate <QtnDt>	[0..1]	DateTime		1229
	ValidFrom <VldFr>	[0..1]	DateTime		1229
	ValidUntil <VldUntil>	[0..1]	DateTime		1229
	SourceCurrency <SrcCcy>	[1..1]			1229
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1230
	NumericCode <NmrcCd>	[0..1]	Text		1230
	Decimal <Dcml>	[0..1]	Quantity		1230
	Name <Nm>	[0..1]	Text		1230
	ApplicableBinRange <AplblBinRg>	[0..*]			1230
	LowerBin <LwrBin>	[1..1]	Text		1231
	HigherBin <HghrBin>	[1..1]	Text		1231
	OriginalAmount <OrgnlAmt>	[0..1]			1231
	ActualAmount <ActlAmt>	[0..1]	Amount		1231
	MinimumAmount <MinAmt>	[0..1]	Amount		1231
	MaximumAmount <MaxAmt>	[0..1]	Amount		1231
	CommissionDetails <ComssnDtls>	[0..*]			1232
	Amount <Amt>	[1..1]	Amount		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	MarkUpDetails <MrkUpDtls>	[0..*]			1232
	Rate <Rate>	[1..1]	Rate		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232
	DeclarationDetails <DclrtDtls>	[0..*]	±		1232

29.1.4.2.4.7.13.2.1 CurrencyConversionIdentification <CcyConvslId>*Presence:* [0..1]*Definition:* Identification of the currency conversion operation for the service provider.*Datatype:* "Max35Text" on page 1766**29.1.4.2.4.7.13.2.2 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	1228
	NumericCode <NmrcCd>	[1..1]	Text		1228
	Decimal <Dcml>	[1..1]	Quantity		1228
	Name <Nm>	[0..1]	Text		1228

29.1.4.2.4.7.13.2.2.1 AlphaCode <AlphaCd>*Presence:* [1..1]*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

29.1.4.2.4.7.13.2.2.2 NumericCode <NmrcCd>*Presence:* [1..1]*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).*Datatype:* "Exact3NumericText" on page 1763**29.1.4.2.4.7.13.2.2.3 Decimal <Dcml>***Presence:* [1..1]*Definition:* Maximal number of digits after the decimal separator for the currency.*Datatype:* "Number" on page 1762**29.1.4.2.4.7.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.2.4.7.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.4.7.13.2.4 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 1762

29.1.4.2.4.7.13.2.5 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 1762

29.1.4.2.4.7.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

29.1.4.2.4.7.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

29.1.4.2.4.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

29.1.4.2.4.7.13.2.9 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	1230
	NumericCode <NmrcCd>	[0..1]	Text		1230
	Decimal <Dcml>	[0..1]	Quantity		1230
	Name <Nm>	[0..1]	Text		1230

29.1.4.2.4.7.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.4.2.4.7.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

29.1.4.2.4.7.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

29.1.4.2.4.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.2.4.7.13.2.10 ApplicableBinRange <AplBlBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1231
	HigherBin <HghrBin>	[1..1]	Text		1231

29.1.4.2.4.7.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.2.4.7.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.2.4.7.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		1231
	MinimumAmount <MinAmt>	[0..1]	Amount		1231
	MaximumAmount <MaxAmt>	[0..1]	Amount		1231

29.1.4.2.4.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.4.7.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.4.7.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.4.7.13.2.12 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		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232

29.1.4.2.4.7.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.2.4.7.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**29.1.4.2.4.7.13.2.13 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		1232
	AdditionalInformation <AddtlInf>	[0..1]	Text		1232

29.1.4.2.4.7.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**29.1.4.2.4.7.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**29.1.4.2.4.7.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrCdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.4.2.4.7.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

29.1.4.2.4.7.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

29.1.4.2.4.7.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Labl>	[0..1]	Text		1609

29.1.4.2.4.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1763

29.1.4.2.4.7.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

29.1.4.2.4.7.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.4.2.4.7.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

29.1.4.2.4.7.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

29.1.4.2.4.7.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

29.1.4.2.4.7.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.4.7.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1237
	Value <Val>	[0..1]	Binary		1237
	ProtectedValue <PrctcdVal>	[0..1]	±		1237
	Type <Tp>	[0..1]	Text		1238

29.1.4.2.4.7.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

29.1.4.2.4.7.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

29.1.4.2.4.7.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

29.1.4.2.4.7.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1763

29.1.4.2.4.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 1702

29.1.4.2.4.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "[Max70Text](#)" on page 1767

29.1.4.2.5 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Response to the authorisation request from the acquirer.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction132** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			1241
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1241
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1242
	Response <Rspn>	[1..1]	CodeSet		1242
	ResponseReason <RspnRsn>	[0..1]	Text		1242
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1242
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1242
	CompletionRequired <CmpltnReqr>	[0..1]	Indicator		1242
	TMSTrigger <TMSTrggr>	[0..1]			1243
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1243
	TMSIdentification <TMSId>	[0..1]	Text		1243
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1243
	AllowedProductCode <AllwdPdctCd>	[0..*]			1243
	ProductCode <PdctCd>	[1..1]	Text		1244
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1244
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1244
	ProductCode <PdctCd>	[1..1]	Text		1244
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1244
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1244
	ProductCode <PdctCd>	[1..1]	Text		1245
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1245
	AmountLimit <AmtLmt>	[0..1]	Amount		1245
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1245
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1245
	Balance <Bal>	[0..1]	±		1247
	ProtectedBalance <PrctcdBal>	[0..1]	±		1247
	Action <Actn>	[0..*]			1248
	ActionType <ActnTp>	[1..1]	CodeSet		1248
	MessageToPresent <MsgToPres>	[0..1]	±		1249
	RemoteAccess <RmotAccs>	[0..1]	±		1250
	Retry <Rtry>	[0..1]	±		1250

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		1250
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1251
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1253
	TargetCurrency <TrgtCcy>	[1..1]			1253
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1253
	NumericCode <NmrcCd>	[1..1]	Text		1253
	Decimal <Dcml>	[1..1]	Quantity		1253
	Name <Nm>	[0..1]	Text		1254
	ResultingAmount <RsltAmt>	[0..1]	Amount		1254
	ExchangeRate <XchgRate>	[1..1]	Rate		1254
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1254
	QuotationDate <QtnDt>	[0..1]	DateTime		1254
	ValidFrom <VldFr>	[0..1]	DateTime		1254
	ValidUntil <VldUntil>	[0..1]	DateTime		1254
	SourceCurrency <SrcCcy>	[1..1]			1254
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1255
	NumericCode <NmrcCd>	[0..1]	Text		1255
	Decimal <Dcml>	[0..1]	Quantity		1255
	Name <Nm>	[0..1]	Text		1255
	ApplicableBinRange <AplblBinRg>	[0..*]			1255
	LowerBin <LwrBin>	[1..1]	Text		1256
	HigherBin <HghrBin>	[1..1]	Text		1256
	OriginalAmount <OrgnlAmt>	[0..1]			1256
	ActualAmount <ActlAmt>	[0..1]	Amount		1256
	MinimumAmount <MinAmt>	[0..1]	Amount		1256
	MaximumAmount <MaxAmt>	[0..1]	Amount		1256
	CommissionDetails <ComssnDtls>	[0..*]			1257
	Amount <Amt>	[1..1]	Amount		1257
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257
	MarkUpDetails <MrkUpDtls>	[0..*]			1257
	Rate <Rate>	[1..1]	Rate		1257

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1257

29.1.4.2.5.1 AuthorisationResult <AuthstnRslt>

Presence: [1..1]

Definition: Outcome of the authorisation, and actions to perform.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1241
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1242
	Response <Rspn>	[1..1]	CodeSet		1242
	ResponseReason <RspnRsn>	[0..1]	Text		1242
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1242
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1242
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1242
	TMSTrigger <TMSTrggr>	[0..1]			1243
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1243
	TMSIdentification <TMSId>	[0..1]	Text		1243
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1243

29.1.4.2.5.1.1 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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

29.1.4.2.5.1.2 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		1242
	ResponseReason <RspnRsn>	[0..1]	Text		1242
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1242

29.1.4.2.5.1.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

29.1.4.2.5.1.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**29.1.4.2.5.1.2.3 AdditionalResponseInformation <AddtlRspnInf>***Presence:* [0..1]*Definition:* Additional information on the response for further examination.*Datatype:* "Max140Text" on page 1764**29.1.4.2.5.1.3 AuthorisationCode <AuthstnCd>***Presence:* [0..1]*Definition:* Value assigned by the authorising party.*Datatype:* "Max8Text" on page 1768**29.1.4.2.5.1.4 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 1761):

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

29.1.4.2.5.1.5 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructs the point of interaction (POI) how to contact the host to initiate the maintenance of the terminal.

TMSTrigger <TMSTrggr> contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1243
	TMSIdentification <TMSId>	[0..1]	Text		1243
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1243

29.1.4.2.5.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: ["TMSContactLevel1Code"](#) on page 1754

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.

29.1.4.2.5.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: ["Max35Text"](#) on page 1766

29.1.4.2.5.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: ["ISODateTime"](#) on page 1759

29.1.4.2.5.2 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		1244
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1244

29.1.4.2.5.2.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1767

29.1.4.2.5.2.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1767

29.1.4.2.5.3 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		1244
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1244

29.1.4.2.5.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1767

29.1.4.2.5.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1767

29.1.4.2.5.4 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		1245
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1245
	AmountLimit <AmtLmt>	[0..1]	Amount		1245
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1245
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1245

29.1.4.2.5.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1767

29.1.4.2.5.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1767

29.1.4.2.5.4.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.5.4.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1761

29.1.4.2.5.4.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1757

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.

29.1.4.2.5.5 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 1196 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1196
	Currency <Ccy>	[1..1]	CodeSet	C1	1196
	Sign <Sgn>	[0..1]	Indicator		1197

29.1.4.2.5.6 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType40](#)" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1675
	EnvelopedData <EnvlpdData>	[1..1]	±		1676

29.1.4.2.5.7 Action <Actn>*Presence:* [0..*]*Definition:* Set of actions to be performed by the POI (Point Of Interaction) system.**Action <Actn>** contains the following **Action15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1248
	MessageToPresent <MsgToPres>	[0..1]	±		1249
	RemoteAccess <RmotAccs>	[0..1]	±		1250
	Retry <Rtry>	[0..1]	±		1250
	TimeCondition <TmCond>	[0..1]	±		1250

29.1.4.2.5.7.1 ActionType <ActnTp>*Presence:* [1..1]*Definition:* Type of action to be performed by the POI (Point Of Interaction) system.*Datatype:* "ActionType13Code" on page 1704

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

CodeName	Name	Definition
		ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.

29.1.4.2.5.7.2 MessageToPresent <MsgToPres>

Presence: [0..1]

Definition: Message to be displayed to the cardholder or the cashier.

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage11](#)" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.4.2.5.7.3 RemoteAccess <RmotAccs>*Presence:* [0..1]*Definition:* Access information to reach the target host.**RemoteAccess <RmotAccs>** contains the following elements (see "[NetworkParameters7](#)" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1622
	NetworkType <NtwkTp>	[1..1]	CodeSet		1622
	AddressValue <AdrVal>	[1..1]	Text		1622
	UserName <UsrNm>	[0..1]	Text		1623
	AccessCode <AccsCd>	[0..1]	Binary		1623
	ServerCertificate <SvrCert>	[0..*]	Binary		1623
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1623
	ClientCertificate <CIntCert>	[0..*]	Binary		1623
	SecurityProfile <SctyPrfl>	[0..1]	Text		1623

29.1.4.2.5.7.4 Retry <Rtry>*Presence:* [0..1]*Definition:* Definition of retry process if activation of an action fails.**Retry <Rtry>** contains the following elements (see "[ProcessRetry3](#)" on page 1694 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		1694
	MaximumNumber <MaxNb>	[0..1]	Quantity		1694
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1694

29.1.4.2.5.7.5 TimeCondition <TmCond>*Presence:* [0..1]*Definition:* Timing condition for periodic exchanges.**TimeCondition <TmCond>** contains the following elements (see "[ProcessTiming6](#)" on page 1695 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		1695
	EndTime <EndTm>	[0..1]	DateTime		1695
	Period <Prd>	[0..1]	Text		1695
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1695

29.1.4.2.5.8 CurrencyConversionEligibility <CcyConvsElgblty>

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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1253
	TargetCurrency <TrgtCcy>	[1..1]			1253
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1253
	NumericCode <NmrcCd>	[1..1]	Text		1253
	Decimal <Dcml>	[1..1]	Quantity		1253
	Name <Nm>	[0..1]	Text		1254
	ResultingAmount <RsltAmt>	[0..1]	Amount		1254
	ExchangeRate <XchgRate>	[1..1]	Rate		1254
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1254
	QuotationDate <QtnDt>	[0..1]	DateTime		1254
	ValidFrom <VldFr>	[0..1]	DateTime		1254
	ValidUntil <VldUntil>	[0..1]	DateTime		1254
	SourceCurrency <SrcCcy>	[1..1]			1254
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1255
	NumericCode <NmrcCd>	[0..1]	Text		1255
	Decimal <Dcml>	[0..1]	Quantity		1255
	Name <Nm>	[0..1]	Text		1255
	ApplicableBinRange <AplblBinRg>	[0..*]			1255
	LowerBin <LwrBin>	[1..1]	Text		1256
	HigherBin <HghrBin>	[1..1]	Text		1256
	OriginalAmount <OrgnlAmt>	[0..1]			1256
	ActualAmount <ActlAmt>	[0..1]	Amount		1256
	MinimumAmount <MinAmt>	[0..1]	Amount		1256
	MaximumAmount <MaxAmt>	[0..1]	Amount		1256
	CommissionDetails <ComssnDtls>	[0..*]			1257
	Amount <Amt>	[1..1]	Amount		1257
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257
	MarkUpDetails <MrkUpDtls>	[0..*]			1257
	Rate <Rate>	[1..1]	Rate		1257
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1257

29.1.4.2.5.8.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.4.2.5.8.2 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	1253
	NumericCode <NmrcCd>	[1..1]	Text		1253
	Decimal <Dcml>	[1..1]	Quantity		1253
	Name <Nm>	[0..1]	Text		1254

29.1.4.2.5.8.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.4.2.5.8.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1763

29.1.4.2.5.8.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1762

29.1.4.2.5.8.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.2.5.8.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.5.8.4 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 1762

29.1.4.2.5.8.5 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 1762

29.1.4.2.5.8.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

29.1.4.2.5.8.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

29.1.4.2.5.8.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

29.1.4.2.5.8.9 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	1255
	NumericCode <NmrcCd>	[0..1]	Text		1255
	Decimal <Dcml>	[0..1]	Quantity		1255
	Name <Nm>	[0..1]	Text		1255

29.1.4.2.5.8.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.4.2.5.8.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

29.1.4.2.5.8.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

29.1.4.2.5.8.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.2.5.8.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1256
	HigherBin <HghrBin>	[1..1]	Text		1256

29.1.4.2.5.8.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.2.5.8.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.2.5.8.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		1256
	MinimumAmount <MinAmt>	[0..1]	Amount		1256
	MaximumAmount <MaxAmt>	[0..1]	Amount		1256

29.1.4.2.5.8.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.5.8.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.5.8.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.2.5.8.12 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		1257
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257

29.1.4.2.5.8.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.2.5.8.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**29.1.4.2.5.8.13 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		1257
	AdditionalInformation <AddtlInf>	[0..1]	Text		1257

29.1.4.2.5.8.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**29.1.4.2.5.8.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**29.1.4.2.5.8.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.4.3 CardPaymentDataSetTransaction48

Definition: Card payment transaction to be authorised in a batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1263
	Traceability <Tracblt>	[0..*]	±		1263
	Environment <Envt>	[1..1]	±		1263
	Context <Cntxt>	[0..1]	±		1269
	Transaction <Tx>	[1..1]			1272
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1276
	TransactionType <TxTp>	[0..1]	CodeSet		1277
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1277
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1278
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1278
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1279
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1279
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1279
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1279
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1279
	TransactionIdentification <TxId>	[1..1]	±		1279
	OriginalTransaction <OrgnlTx>	[0..1]	±		1280
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1280
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1280
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1281
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1281
	TransactionDetails <TxDtls>	[1..1]			1281
	Currency <Ccy>	[0..1]	CodeSet	C1	1284
	TotalAmount <TtlAmt>	[1..1]	Amount		1284
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1284
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1284
	DetailedAmount <DtldAmt>	[0..1]	±		1284
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1285
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1285
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1285
	ValidityDate <VldtyDt>	[0..1]	Date		1285

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1285
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1286
	AccountType <AcctTp>	[0..1]	CodeSet		1286
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1287
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1289
	Conversion <Convs>	[0..1]			1289
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1291
	TargetCurrency <TrgtCcy>	[1..1]			1291
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1291
	NumericCode <NmrcCd>	[1..1]	Text		1291
	Decimal <Dcml>	[1..1]	Quantity		1291
	Name <Nm>	[0..1]	Text		1291
	ResultingAmount <RsltAmt>	[0..1]	Amount		1292
	ExchangeRate <XchgRate>	[1..1]	Rate		1292
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1292
	QuotationDate <QtnDt>	[0..1]	DateTime		1292
	ValidFrom <VldFr>	[0..1]	DateTime		1292
	ValidUntil <VldUntil>	[0..1]	DateTime		1292
	SourceCurrency <SrcCcy>	[1..1]			1292
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[0..1]	Text		1293
	Decimal <Dcml>	[0..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ApplicableBinRange <ApplBinRg>	[0..*]			1293
	LowerBin <LwrBin>	[1..1]	Text		1294
	HigherBin <HghrBin>	[1..1]	Text		1294
	OriginalAmount <OrgnlAmt>	[0..1]			1294
	ActualAmount <ActlAmt>	[0..1]	Amount		1294
	MinimumAmount <MinAmt>	[0..1]	Amount		1294
	MaximumAmount <MaxAmt>	[0..1]	Amount		1294
	CommissionDetails <ComssnDtls>	[0..*]			1295

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	MarkUpDetails <MrkUpDtls>	[0..*]			1295
	Rate <Rate>	[1..1]	Rate		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	DeclarationDetails <DclrtDtls>	[0..*]	±		1295
	Instalment <Instlmt>	[0..*]	±		1296
	Recurring <Rcrng>	[0..1]	±		1297
	AggregationTransaction <AggtnTx>	[0..1]	±		1298
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1298
	SaleItem <Saleitm>	[0..*]	±		1298
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1299
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1299
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1299
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1299
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1300
	AdditionalInformation <AddtlInf>	[0..*]			1300
	Identification <Id>	[1..1]	Text		1300
	Value <Val>	[0..1]	Binary		1300
	ProtectedValue <PrctdVal>	[0..1]	±		1300
	Type <Tp>	[0..1]	Text		1301
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1301
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1301
	AccountFrom <AcctFr>	[0..1]			1301
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1302
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1303
	AccountName <AcctNm>	[0..1]	Text		1303
	AccountOwner <AcctOwnr>	[0..1]			1304
	Name <Nm>	[1..1]	Text		1304
	Address <Adr>	[1..1]	±		1304
	Currency <Ccy>	[0..1]	CodeSet	C1	1304

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountIdentifier <AcctIdr>	[0..1]			1305
{Or	Card <Card>	[1..1]	Text		1305
Or	MSISDN <MSISDN>	[1..1]	Text		1305
Or	EMail <EMail>	[1..1]	Text		1305
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1305
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1306
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1306
Or	Domestic <Dmst>	[1..1]	Text		1306
Or}	Other <Othr>	[1..1]	Text		1306
	Servicer <Svcr>	[0..1]			1306
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1307
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1307
	AccountTo <AcctTo>	[0..1]			1307
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1308
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1309
	AccountName <AcctNm>	[0..1]	Text		1309
	AccountOwner <AcctOwnr>	[0..1]			1310
	Name <Nm>	[1..1]	Text		1310
	Address <Adr>	[1..1]	±		1310
	Currency <Ccy>	[0..1]	CodeSet	C1	1310
	AccountIdentifier <AcctIdr>	[0..1]			1311
{Or	Card <Card>	[1..1]	Text		1311
Or	MSISDN <MSISDN>	[1..1]	Text		1311
Or	EMail <EMail>	[1..1]	Text		1311
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1311
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1312
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1312
Or	Domestic <Dmst>	[1..1]	Text		1312
Or}	Other <Othr>	[1..1]	Text		1312
	Servicer <Svcr>	[0..1]			1312
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1313

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1313
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1313

29.1.4.3.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1768

29.1.4.3.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

29.1.4.3.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the card payment transaction to authorise.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

29.1.4.3.4 Context <Cntxt>

Presence: [0..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1580
	TransactionChannel <TxChan/>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrlId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrd<ReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrd<Nb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

29.1.4.3.5 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction to authorise.

Transaction <Tx> contains the following **CardPaymentTransaction134** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1276
	TransactionType <TxTp>	[0..1]	CodeSet		1277
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1277
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1278
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1278
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1279
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1279
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1279
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1279
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1279
	TransactionIdentification <TxId>	[1..1]	±		1279
	OriginalTransaction <OrgnlTx>	[0..1]	±		1280
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1280
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1280
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1281
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1281
	TransactionDetails <TxDtls>	[1..1]			1281
	Currency <Ccy>	[0..1]	CodeSet	C1	1284
	TotalAmount <TtlAmt>	[1..1]	Amount		1284
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1284
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1284
	DetailedAmount <DtldAmt>	[0..1]	±		1284
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1285
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1285
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1285
	ValidityDate <VldtyDt>	[0..1]	Date		1285
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1285
	UnattendedLevelCategory <UatnddLv/Ctgy>	[0..1]	Text		1286
	AccountType <AcctTp>	[0..1]	CodeSet		1286
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1287
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Convs>	[0..1]			1289
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1291
	TargetCurrency <TrgtCcy>	[1..1]			1291
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1291
	NumericCode <NmrcCd>	[1..1]	Text		1291
	Decimal <Dcml>	[1..1]	Quantity		1291
	Name <Nm>	[0..1]	Text		1291
	ResultingAmount <RsltAmt>	[0..1]	Amount		1292
	ExchangeRate <XchgRate>	[1..1]	Rate		1292
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1292
	QuotationDate <QtnDt>	[0..1]	DateTime		1292
	ValidFrom <VldFr>	[0..1]	DateTime		1292
	ValidUntil <VldUntil>	[0..1]	DateTime		1292
	SourceCurrency <SrcCcy>	[1..1]			1292
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[0..1]	Text		1293
	Decimal <Dcml>	[0..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ApplicableBinRange <AplblBinRg>	[0..*]			1293
	LowerBin <LwrBin>	[1..1]	Text		1294
	HigherBin <HghrBin>	[1..1]	Text		1294
	OriginalAmount <OrgnlAmt>	[0..1]			1294
	ActualAmount <ActlAmt>	[0..1]	Amount		1294
	MinimumAmount <MinAmt>	[0..1]	Amount		1294
	MaximumAmount <MaxAmt>	[0..1]	Amount		1294
	CommissionDetails <ComssnDtls>	[0..*]			1295
	Amount <Amt>	[1..1]	Amount		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	MarkUpDetails <MrkUpDtls>	[0..*]			1295
	Rate <Rate>	[1..1]	Rate		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1295
	Instalment <Instlmt>	[0..*]	±		1296
	Recurring <Rcrng>	[0..1]	±		1297
	AggregationTransaction <AggtnTx>	[0..1]	±		1298
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1298
	SaleItem <Saleitm>	[0..*]	±		1298
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1299
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1299
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1299
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1299
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1300
	AdditionalInformation <AddtlInf>	[0..*]			1300
	Identification <Id>	[1..1]	Text		1300
	Value <Val>	[0..1]	Binary		1300
	ProtectedValue <PrtctdVal>	[0..1]	±		1300
	Type <Tp>	[0..1]	Text		1301
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1301
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1301
	AccountFrom <AcctFr>	[0..1]			1301
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1302
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1303
	AccountName <AcctNm>	[0..1]	Text		1303
	AccountOwner <AcctOwnr>	[0..1]			1304
	Name <Nm>	[1..1]	Text		1304
	Address <Adr>	[1..1]	±		1304
	Currency <Ccy>	[0..1]	CodeSet	C1	1304
	AccountIdentifier <AcctIdr>	[0..1]			1305
{Or	Card <Card>	[1..1]	Text		1305
Or	MSISDN <MSISDN>	[1..1]	Text		1305
Or	EMail <EMail>	[1..1]	Text		1305
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1305

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1306
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1306
Or	Domestic <Dmst>	[1..1]	Text		1306
Or}	Other <Othr>	[1..1]	Text		1306
	Servicer <Svcr>	[0..1]			1306
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1307
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1307
	AccountTo <AcctTo>	[0..1]			1307
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1308
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1309
	AccountName <AcctNm>	[0..1]	Text		1309
	AccountOwner <AcctOwnr>	[0..1]			1310
	Name <Nm>	[1..1]	Text		1310
	Address <Adr>	[1..1]	±		1310
	Currency <Ccy>	[0..1]	CodeSet	C1	1310
	AccountIdentifier <AcctIdr>	[0..1]			1311
{Or	Card <Card>	[1..1]	Text		1311
Or	MSISDN <MSISDN>	[1..1]	Text		1311
Or	EMail <EMail>	[1..1]	Text		1311
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1311
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1312
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1312
Or	Domestic <Dmst>	[1..1]	Text		1312
Or}	Other <Othr>	[1..1]	Text		1312
	Servicer <Svcr>	[0..1]			1312
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1313
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1313
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1313

29.1.4.3.5.1 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 1761):

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

29.1.4.3.5.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: ["CardPaymentServiceType12Code"](#) on page 1723

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.

29.1.4.3.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: ["CardPaymentServiceType9Code"](#) on page 1725

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.

29.1.4.3.5.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

29.1.4.3.5.5 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 1761):

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

29.1.4.3.5.6 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 1769

29.1.4.3.5.7 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 1761):

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

29.1.4.3.5.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 1766

29.1.4.3.5.9 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Specifies 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 1766

29.1.4.3.5.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.4.3.5.11 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

29.1.4.3.5.12 OriginalTransaction <OrgnTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1438 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIId>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

29.1.4.3.5.13 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "[Max35Text](#)" on page 1766

29.1.4.3.5.14 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 1766

29.1.4.3.5.15 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

29.1.4.3.5.16 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

29.1.4.3.5.17 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1284
	TotalAmount <TtlAmt>	[1..1]	Amount		1284
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1284
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1284
	DetailedAmount <DtldAmt>	[0..1]	±		1284
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1285
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1285
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1285
	ValidityDate <VldtyDt>	[0..1]	Date		1285
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1285
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1286
	AccountType <AcctTp>	[0..1]	CodeSet		1286
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1287
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1289
	Conversion <Convs>	[0..1]			1289
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1291
	TargetCurrency <TrgtCcy>	[1..1]			1291
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1291
	NumericCode <NmrcCd>	[1..1]	Text		1291
	Decimal <Dcml>	[1..1]	Quantity		1291
	Name <Nm>	[0..1]	Text		1291
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1292
	ExchangeRate <XchgRate>	[1..1]	Rate		1292
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1292
	QuotationDate <QtnDt>	[0..1]	DateTime		1292
	ValidFrom <VldFr>	[0..1]	DateTime		1292
	ValidUntil <VldUntil>	[0..1]	DateTime		1292
	SourceCurrency <SrcCcy>	[1..1]			1292
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[0..1]	Text		1293
	Decimal <Dcml>	[0..1]	Quantity		1293

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1293
	ApplicableBinRange <ApblBinRg>	[0..*]			1293
	LowerBin <LwrBin>	[1..1]	Text		1294
	HigherBin <HghrBin>	[1..1]	Text		1294
	OriginalAmount <OrgnlAmt>	[0..1]			1294
	ActualAmount <ActlAmt>	[0..1]	Amount		1294
	MinimumAmount <MinAmt>	[0..1]	Amount		1294
	MaximumAmount <MaxAmt>	[0..1]	Amount		1294
	CommissionDetails <ComssnDtls>	[0..*]			1295
	Amount <Amt>	[1..1]	Amount		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	MarkUpDetails <MrkUpDtls>	[0..*]			1295
	Rate <Rate>	[1..1]	Rate		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	DeclarationDetails <DclrtDtls>	[0..*]	±		1295
	Instalment <Instlmt>	[0..*]	±		1296
	Recurring <Rcrng>	[0..1]	±		1297
	AggregationTransaction <AggtTx>	[0..1]	±		1298
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1298
	SaleItem <Saleitm>	[0..*]	±		1298
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1299
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1299
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1299
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1299
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1300
	AdditionalInformation <AddtlInf>	[0..*]			1300
	Identification <Id>	[1..1]	Text		1300
	Value <Val>	[0..1]	Binary		1300
	ProtectedValue <PrctdVal>	[0..1]	±		1300
	Type <Tp>	[0..1]	Text		1301
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1301

29.1.4.3.5.17.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

29.1.4.3.5.17.2 TotalAmount <TtlAmt>*Presence:* [1..1]*Definition:* Total amount of the transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.3.5.17.3 CumulativeAmount <CmltvAmt>***Presence:* [0..1]*Definition:* Contains the updated amount of all authorisations related to the same business transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.3.5.17.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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.

29.1.4.3.5.17.5 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 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

29.1.4.3.5.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.3.5.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.3.5.17.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.3.5.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

29.1.4.3.5.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

29.1.4.3.5.17.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1766

29.1.4.3.5.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.

29.1.4.3.5.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1289
	Conversion <Convs>	[0..1]			1289
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1291
	TargetCurrency <TrgtCcy>	[1..1]			1291
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1291
	NumericCode <NmrcCd>	[1..1]	Text		1291
	Decimal <Dcml>	[1..1]	Quantity		1291
	Name <Nm>	[0..1]	Text		1291
	ResultingAmount <RsltAmt>	[0..1]	Amount		1292
	ExchangeRate <XchgRate>	[1..1]	Rate		1292
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1292
	QuotationDate <QtnDt>	[0..1]	DateTime		1292
	ValidFrom <VldFr>	[0..1]	DateTime		1292
	ValidUntil <VldUntil>	[0..1]	DateTime		1292
	SourceCurrency <SrcCcy>	[1..1]			1292
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[0..1]	Text		1293
	Decimal <Dcml>	[0..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ApplicableBinRange <AplblBinRg>	[0..*]			1293
	LowerBin <LwrBin>	[1..1]	Text		1294
	HigherBin <HghrBin>	[1..1]	Text		1294
	OriginalAmount <OrgnlAmt>	[0..1]			1294
	ActualAmount <ActlAmt>	[0..1]	Amount		1294
	MinimumAmount <MinAmt>	[0..1]	Amount		1294
	MaximumAmount <MaxAmt>	[0..1]	Amount		1294
	CommissionDetails <ComssnDtls>	[0..*]			1295
	Amount <Amt>	[1..1]	Amount		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	MarkUpDetails <MrkUpDtls>	[0..*]			1295

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1295

29.1.4.3.5.17.13.1 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 1761):

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

29.1.4.3.5.17.13.2 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1291
	TargetCurrency <TrgtCcy>	[1..1]			1291
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1291
	NumericCode <NmrcCd>	[1..1]	Text		1291
	Decimal <Dcml>	[1..1]	Quantity		1291
	Name <Nm>	[0..1]	Text		1291
	ResultingAmount <RsltAmt>	[0..1]	Amount		1292
	ExchangeRate <XchgRate>	[1..1]	Rate		1292
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1292
	QuotationDate <QtnDt>	[0..1]	DateTime		1292
	ValidFrom <VldFr>	[0..1]	DateTime		1292
	ValidUntil <VldUntil>	[0..1]	DateTime		1292
	SourceCurrency <SrcCcy>	[1..1]			1292
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[0..1]	Text		1293
	Decimal <Dcml>	[0..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ApplicableBinRange <ApplBinRg>	[0..*]			1293
	LowerBin <LwrBin>	[1..1]	Text		1294
	HigherBin <HghrBin>	[1..1]	Text		1294
	OriginalAmount <OrgnlAmt>	[0..1]			1294
	ActualAmount <ActlAmt>	[0..1]	Amount		1294
	MinimumAmount <MinAmt>	[0..1]	Amount		1294
	MaximumAmount <MaxAmt>	[0..1]	Amount		1294
	CommissionDetails <ComssnDtls>	[0..*]			1295
	Amount <Amt>	[1..1]	Amount		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	MarkUpDetails <MrkUpDtls>	[0..*]			1295
	Rate <Rate>	[1..1]	Rate		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295
	DeclarationDetails <DclrtDtls>	[0..*]	±		1295

29.1.4.3.5.17.13.2.1 CurrencyConversionIdentification <CcyConvslId>*Presence:* [0..1]*Definition:* Identification of the currency conversion operation for the service provider.*Datatype:* "Max35Text" on page 1766**29.1.4.3.5.17.13.2.2 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	1291
	NumericCode <NmrcCd>	[1..1]	Text		1291
	Decimal <Dcml>	[1..1]	Quantity		1291
	Name <Nm>	[0..1]	Text		1291

29.1.4.3.5.17.13.2.2.1 AlphaCode <AlphaCd>*Presence:* [1..1]*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

29.1.4.3.5.17.13.2.2.2 NumericCode <NmrcCd>*Presence:* [1..1]*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).*Datatype:* "Exact3NumericText" on page 1763**29.1.4.3.5.17.13.2.2.3 Decimal <Dcml>***Presence:* [1..1]*Definition:* Maximal number of digits after the decimal separator for the currency.*Datatype:* "Number" on page 1762**29.1.4.3.5.17.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.3.5.17.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.3.5.17.13.2.4 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 1762

29.1.4.3.5.17.13.2.5 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 1762

29.1.4.3.5.17.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

29.1.4.3.5.17.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

29.1.4.3.5.17.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

29.1.4.3.5.17.13.2.9 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	1293
	NumericCode <NmrcCd>	[0..1]	Text		1293
	Decimal <Dcml>	[0..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293

29.1.4.3.5.17.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.4.3.5.17.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

29.1.4.3.5.17.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

29.1.4.3.5.17.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.3.5.17.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApIblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1294
	HigherBin <HghrBin>	[1..1]	Text		1294

29.1.4.3.5.17.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.3.5.17.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.3.5.17.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		1294
	MinimumAmount <MinAmt>	[0..1]	Amount		1294
	MaximumAmount <MaxAmt>	[0..1]	Amount		1294

29.1.4.3.5.17.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.3.5.17.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.3.5.17.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.3.5.17.13.2.12 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		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295

29.1.4.3.5.17.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.3.5.17.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**29.1.4.3.5.17.13.2.13 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		1295
	AdditionalInformation <AddtlInf>	[0..1]	Text		1295

29.1.4.3.5.17.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**29.1.4.3.5.17.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**29.1.4.3.5.17.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.4.3.5.17.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

29.1.4.3.5.17.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

29.1.4.3.5.17.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Labl>	[0..1]	Text		1609

29.1.4.3.5.17.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1763

29.1.4.3.5.17.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

29.1.4.3.5.17.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.4.3.5.17.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

29.1.4.3.5.17.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

29.1.4.3.5.17.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

29.1.4.3.5.17.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.3.5.17.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1300
	Value <Val>	[0..1]	Binary		1300
	ProtectedValue <PrctcdVal>	[0..1]	±		1300
	Type <Tp>	[0..1]	Text		1301

29.1.4.3.5.17.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

29.1.4.3.5.17.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

29.1.4.3.5.17.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

29.1.4.3.5.17.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1763

29.1.4.3.5.17.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 1702

29.1.4.3.5.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "[Max70Text](#)" on page 1767

29.1.4.3.5.19 AccountFrom <AcctFr>

Presence: [0..1]

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

AccountFrom <AcctFr> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1302
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1303
	AccountName <AcctNm>	[0..1]	Text		1303
	AccountOwner <AcctOwnr>	[0..1]			1304
	Name <Nm>	[1..1]	Text		1304
	Address <Adr>	[1..1]	±		1304
	Currency <Ccy>	[0..1]	CodeSet	C1	1304
	AccountIdentifier <AcctIdr>	[0..1]			1305
{Or	Card <Card>	[1..1]	Text		1305
Or	MSISDN <MSISDN>	[1..1]	Text		1305
Or	EMail <EMail>	[1..1]	Text		1305
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1305
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1306
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1306
Or	Domestic <Dmst>	[1..1]	Text		1306
Or}	Other <Othr>	[1..1]	Text		1306
	Servicer <Svcr>	[0..1]			1306
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1307
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1307

29.1.4.3.5.19.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

29.1.4.3.5.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

29.1.4.3.5.19.3 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 1767

29.1.4.3.5.19.4 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		1304
	Address <Adr>	[1..1]	±		1304

29.1.4.3.5.19.4.1 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 1767

29.1.4.3.5.19.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

29.1.4.3.5.19.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.4.3.5.19.6 AccountIdentifier <Acctldr>

Presence: [0..1]

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

AccountIdentifier <Acctldr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1305
Or	MSISDN <MSISDN>	[1..1]	Text		1305
Or	EMail <EMail>	[1..1]	Text		1305
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1305
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1306
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1306
Or	Domestic <Dmst>	[1..1]	Text		1306
Or}	Other <Othr>	[1..1]	Text		1306

29.1.4.3.5.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

29.1.4.3.5.19.6.2 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 1764

29.1.4.3.5.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

29.1.4.3.5.19.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

29.1.4.3.5.19.6.5 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 1760

29.1.4.3.5.19.6.6 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 1761

29.1.4.3.5.19.6.7 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 1766

29.1.4.3.5.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

29.1.4.3.5.19.7 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	1307
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1307

29.1.4.3.5.19.7.1 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 1760

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.

29.1.4.3.5.19.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

29.1.4.3.5.20 AccountTo <AcctTo>

Presence: [0..1]

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

AccountTo <AcctTo> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1308
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1309
	AccountName <AcctNm>	[0..1]	Text		1309
	AccountOwner <AcctOwnr>	[0..1]			1310
	Name <Nm>	[1..1]	Text		1310
	Address <Adr>	[1..1]	±		1310
	Currency <Ccy>	[0..1]	CodeSet	C1	1310
	AccountIdentifier <AcctIdr>	[0..1]			1311
{Or	Card <Card>	[1..1]	Text		1311
Or	MSISDN <MSISDN>	[1..1]	Text		1311
Or	EMail <EMail>	[1..1]	Text		1311
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1311
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1312
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1312
Or	Domestic <Dmst>	[1..1]	Text		1312
Or}	Other <Othr>	[1..1]	Text		1312
	Servicer <Svcr>	[0..1]			1312
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1313
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1313

29.1.4.3.5.20.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

29.1.4.3.5.20.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

29.1.4.3.5.20.3 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 1767

29.1.4.3.5.20.4 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		1310
	Address <Adr>	[1..1]	±		1310

29.1.4.3.5.20.4.1 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 1767

29.1.4.3.5.20.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

29.1.4.3.5.20.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.4.3.5.20.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1311
Or	MSISDN <MSISDN>	[1..1]	Text		1311
Or	EMail <EMail>	[1..1]	Text		1311
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1311
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1312
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1312
Or	Domestic <Dmst>	[1..1]	Text		1312
Or}	Other <Othr>	[1..1]	Text		1312

29.1.4.3.5.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

29.1.4.3.5.20.6.2 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 1764

29.1.4.3.5.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

29.1.4.3.5.20.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

29.1.4.3.5.20.6.5 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 1760

29.1.4.3.5.20.6.6 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 1761

29.1.4.3.5.20.6.7 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 1766

29.1.4.3.5.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

29.1.4.3.5.20.7 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	1313
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1313

29.1.4.3.5.20.7.1 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 1760

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.

29.1.4.3.5.20.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

29.1.4.3.5.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1767

29.1.4.4 CardPaymentDataSetTransaction46

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		1315
	Traceability <Tracblt>	[0..*]	±		1315
	Environment <Envt>	[1..1]	±		1315
	Context <Cntxt>	[0..1]	±		1321
	Transaction <Tx>	[1..1]			1324
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1326
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1326
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1326
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1326
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1326
	TransactionIdentification <TxId>	[1..1]	±		1326
	OriginalTransaction <OrgnlTx>	[0..1]	±		1327
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1327
	Reversal <Rvsl>	[0..1]	Indicator		1328
	FailureReason <FailrRsn>	[0..*]	CodeSet		1328
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1328
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1329
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1329
	InterchangeData <IntrchgngData>	[0..1]	Text		1329
	TransactionDetails <TxDtls>	[1..1]			1329
	Currency <Ccy>	[0..1]	CodeSet	C1	1329
	TotalAmount <TtlAmt>	[1..1]	Amount		1330
	ValidityDate <VldtyDt>	[0..1]	Date		1330
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1330
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1330
	AuthorisationResult <AuthstnRslt>	[0..1]			1330
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1331
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1331
	Response <Rspn>	[1..1]	CodeSet		1332
	ResponseReason <RspnRsn>	[0..1]	Text		1332
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1332

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1332
	TMSTrigger <TMSTrggr>	[0..1]			1332
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1332
	TMSIdentification <TMSId>	[0..1]	Text		1333
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1333
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1333

29.1.4.4.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1768

29.1.4.4.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

29.1.4.4.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the cancelled transaction captured in batch.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crdhldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

29.1.4.4.4 Context <Cntxt>

Presence: [0..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcnclnId>	[0..1]	Text		1585
	CashierIdentification <CshrlId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

29.1.4.4.5 Transaction <Tx>

Presence: [1..1]

Definition: Card payment cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction116** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1326
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1326
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1326
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1326
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1326
	TransactionIdentification <TxId>	[1..1]	±		1326
	OriginalTransaction <OrgnlTx>	[0..1]	±		1327
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1327
	Reversal <Rvs/ >	[0..1]	Indicator		1328
	FailureReason <FailrRsn>	[0..*]	CodeSet		1328
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1328
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1329
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1329
	InterchangeData <IntrchgData>	[0..1]	Text		1329
	TransactionDetails <TxDtls>	[1..1]			1329
	Currency <Ccy>	[0..1]	CodeSet	C1	1329
	TotalAmount <TtlAmt>	[1..1]	Amount		1330
	ValidityDate <VldtyDt>	[0..1]	Date		1330
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1330
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1330
	AuthorisationResult <AuthstnRslt>	[0..1]			1330
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1331
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1331
	Response <Rspn>	[1..1]	CodeSet		1332
	ResponseReason <RspnRsn>	[0..1]	Text		1332
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1332
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1332
	TMSTrigger <TMSTrggr>	[0..1]			1332
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1332
	TMSIdentification <TMSId>	[0..1]	Text		1333
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1333

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1333

29.1.4.4.5.1 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 1769

29.1.4.4.5.2 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 1761):

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

29.1.4.4.5.3 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 1766

29.1.4.4.5.4 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 1766

29.1.4.4.5.5 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.4.4.5.6 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

29.1.4.4.5.7 OriginalTransaction <OrgnTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1438 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIId>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

29.1.4.4.5.8 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 1761):

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

29.1.4.4.5.9 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 1761):

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

29.1.4.4.5.10 FailureReason <FailrRsn>*Presence:* [0..*]*Definition:* List of incidents during the transaction.*Datatype:* ["FailureReason3Code"](#) on page 1730

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.

29.1.4.4.5.11 InitiatorTransactionIdentification <InitrTxld>*Presence:* [0..1]*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.*Datatype:* ["Max35Text"](#) on page 1766

29.1.4.4.5.12 RecipientTransactionIdentification <RcptTxId>*Presence:* [0..1]*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.*Datatype:* "Max140Text" on page 1764**29.1.4.4.5.13 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 1766**29.1.4.4.5.14 InterchangeData <IntrchgData>***Presence:* [0..1]*Definition:* Interchange information related to the card scheme.*Datatype:* "Max140Text" on page 1764**29.1.4.4.5.15 TransactionDetails <TxDtls>***Presence:* [1..1]*Definition:* Details of the transaction.**TransactionDetails <TxDtls>** contains the following **CardPaymentTransactionDetails50** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1329
	TotalAmount <TtlAmt>	[1..1]	Amount		1330
	ValidityDate <VldtyDt>	[0..1]	Date		1330
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1330
	KeepAuthorisationOpen <KeepAuthstrnOpn>	[0..1]	Indicator		1330

29.1.4.4.5.15.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

29.1.4.4.5.15.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.4.5.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

29.1.4.4.5.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1702

29.1.4.4.5.15.5 KeepAuthorisationOpen <KeepAuthstnOpn>

Presence: [0..1]

Definition: This transaction is cancelled but the authorisation is not reversed.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1761):

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

29.1.4.4.5.16 AuthorisationResult <AuthstnRsIt>

Presence: [0..1]

Definition: Outcome of the authorisation.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1331
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1331
	Response <Rspn>	[1..1]	CodeSet		1332
	ResponseReason <RspnRsn>	[0..1]	Text		1332
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1332
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1332
	TMSTrigger <TMSTrggr>	[0..1]			1332
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1332
	TMSIdentification <TMSId>	[0..1]	Text		1333
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1333

29.1.4.4.5.16.1 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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

29.1.4.4.5.16.2 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		1332
	ResponseReason <RspnRsn>	[0..1]	Text		1332
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1332

29.1.4.4.5.16.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

29.1.4.4.5.16.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**29.1.4.4.5.16.2.3 AdditionalResponseInformation <AddtlRspnInf>***Presence:* [0..1]*Definition:* Additional information on the response for further examination.*Datatype:* "Max140Text" on page 1764**29.1.4.4.5.16.3 AuthorisationCode <AuthstnCd>***Presence:* [0..1]*Definition:* Value assigned by the authorising party.*Datatype:* "Max8Text" on page 1768**29.1.4.4.5.16.4 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		1332
	TMSIdentification <TMSId>	[0..1]	Text		1333
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1333

29.1.4.4.5.16.4.1 TMSContactLevel <TMSCtctLvl>*Presence:* [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1754

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.

29.1.4.4.5.16.4.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 1766

29.1.4.4.5.16.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODatetime" on page 1759

29.1.4.4.5.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1767

29.1.4.5 CardPaymentDataSetTransaction47

Definition: Completed card payment transaction to be captured in batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1338
	Traceability <Tracblt>	[0..*]	±		1338
	Environment <Envt>	[1..1]	±		1339
	Context <Cntxt>	[0..1]	±		1345
	Transaction <Tx>	[1..1]			1348
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1353
	TransactionType <TxTp>	[0..1]	CodeSet		1353
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1354
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1355
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1355
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1355
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1355
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1355
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1356
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1356
	TransactionIdentification <TxId>	[1..1]	±		1356
	OriginalTransaction <OrgnlTx>	[0..1]	±		1356
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1357
	Reversal <Rvsl>	[0..1]	Indicator		1357
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		1358
	FailureReason <FailrRsn>	[0..*]	CodeSet		1358
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1358
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1359
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1359
	InterchangeData <IntrchgData>	[0..1]	Text		1359
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1359
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1359
	TransactionDetails <TxDtls>	[1..1]			1359
	Currency <Ccy>	[0..1]	CodeSet	C1	1362
	TotalAmount <TtlAmt>	[1..1]	Amount		1362
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1362

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	DetailedAmount <DtldAmt>	[0..1]	±		1362
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1363
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1363
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1363
	ValidityDate <VldtyDt>	[0..1]	Date		1363
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1363
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1364
	AccountType <AcctTp>	[0..1]	CodeSet		1364
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1365
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1367
	Conversion <Convs>	[0..1]			1367
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1369
	TargetCurrency <TrgtCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1369
	NumericCode <NmrcCd>	[1..1]	Text		1369
	Decimal <Dcml>	[1..1]	Quantity		1369
	Name <Nm>	[0..1]	Text		1369
	ResultingAmount <RsltAmt>	[0..1]	Amount		1370
	ExchangeRate <XchgRate>	[1..1]	Rate		1370
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1370
	QuotationDate <QtnDt>	[0..1]	DateTime		1370
	ValidFrom <VldFr>	[0..1]	DateTime		1370
	ValidUntil <VldUntil>	[0..1]	DateTime		1370
	SourceCurrency <SrcCcy>	[1..1]			1370
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1371
	NumericCode <NmrcCd>	[0..1]	Text		1371
	Decimal <Dcml>	[0..1]	Quantity		1371
	Name <Nm>	[0..1]	Text		1371
	ApplicableBinRange <ApblBinRg>	[0..*]			1371
	LowerBin <LwrBin>	[1..1]	Text		1372

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HigherBin <HghrBin>	[1..1]	Text		1372
	OriginalAmount <OrgnlAmt>	[0..1]			1372
	ActualAmount <ActlAmt>	[0..1]	Amount		1372
	MinimumAmount <MinAmt>	[0..1]	Amount		1372
	MaximumAmount <MaxAmt>	[0..1]	Amount		1372
	CommissionDetails <ComssnDtls>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	MarkUpDetails <MrkUpDtls>	[0..*]			1373
	Rate <Rate>	[1..1]	Rate		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	DeclarationDetails <DclrtDtls>	[0..*]	±		1373
	Instalment <Instlmt>	[0..*]	±		1374
	Recurring <Rcrng>	[0..1]	±		1375
	AggregationTransaction <AggtnTx>	[0..1]	±		1376
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1376
	SaleItem <Saleitm>	[0..*]	±		1376
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1377
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1377
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1377
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1377
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1378
	AdditionalInformation <AddtlInf>	[0..*]			1378
	Identification <Id>	[1..1]	Text		1378
	Value <Val>	[0..1]	Binary		1378
	ProtectedValue <PrctcdVal>	[0..1]	±		1378
	Type <Tp>	[0..1]	Text		1379
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1379
	AuthorisationResult <AuthstnRslt>	[0..1]			1379
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1379
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1380

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1380
	ResponseReason <RspnRsn>	[0..1]	Text		1380
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1381
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1381
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1381
	AccountFrom <AcctFr>	[0..1]			1381
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1382
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1383
	AccountName <AcctNm>	[0..1]	Text		1383
	AccountOwner <AcctOwnr>	[0..1]			1384
	Name <Nm>	[1..1]	Text		1384
	Address <Adr>	[1..1]	±		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	AccountIdentifier <AcctIdr>	[0..1]			1385
{Or	Card <Card>	[1..1]	Text		1385
Or	MSISDN <MSISDN>	[1..1]	Text		1385
Or	EMail <EMail>	[1..1]	Text		1385
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1385
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1386
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1386
Or	Domestic <Dmst>	[1..1]	Text		1386
Or}	Other <Othr>	[1..1]	Text		1386
	Servicer <Svcr>	[0..1]			1386
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1387
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1387
	AccountTo <AcctTo>	[0..1]			1387
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1388
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1389
	AccountName <AcctNm>	[0..1]	Text		1389
	AccountOwner <AcctOwnr>	[0..1]			1390
	Name <Nm>	[1..1]	Text		1390

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..1]	±		1390
	Currency <Ccy>	[0..1]	CodeSet	C1	1390
	AccountIdentifier <AcctIdr>	[0..1]			1391
{Or	Card <Card>	[1..1]	Text		1391
Or	MSISDN <MSISDN>	[1..1]	Text		1391
Or	EMail <EMail>	[1..1]	Text		1391
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1391
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1392
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1392
Or	Domestic <Dmst>	[1..1]	Text		1392
Or}	Other <Othr>	[1..1]	Text		1392
	Servicer <Svcr>	[0..1]			1392
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1393
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1393
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1393

29.1.4.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1768

29.1.4.5.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

29.1.4.5.3 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 elements (see "CardPaymentEnvironment80" on page 1497 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <Grpld>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrhdldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crhdldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <CrdhldrId>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <DrvrId>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

29.1.4.5.4 Context <Cntxt>

Presence: [0..1]

Definition: Data related to the context of the transaction.

Context <Cntxt> contains the following elements (see "CardPaymentContext30" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpptrdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrlId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

29.1.4.5.5 Transaction <Tx>

Presence: [1..1]

Definition: Transaction information to be captured.

Transaction <Tx> contains the following **CardPaymentTransaction135** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1353
	TransactionType <TxTp>	[0..1]	CodeSet		1353
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1354
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1355
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1355
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1355
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1355
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1355
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1356
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1356
	TransactionIdentification <TxId>	[1..1]	±		1356
	OriginalTransaction <OrgnlTx>	[0..1]	±		1356
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1357
	Reversal <Rvs/>	[0..1]	Indicator		1357
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1358
	FailureReason <FailrRsn>	[0..*]	CodeSet		1358
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1358
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1359
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1359
	InterchangeData <IntrchgData>	[0..1]	Text		1359
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1359
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1359
	TransactionDetails <TxDtls>	[1..1]			1359
	Currency <Ccy>	[0..1]	CodeSet	C1	1362
	TotalAmount <TtlAmt>	[1..1]	Amount		1362
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1362
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	DetailedAmount <DtldAmt>	[0..1]	±		1362
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1363
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1363
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1363

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1363
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1363
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1364
	AccountType <AcctTp>	[0..1]	CodeSet		1364
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1365
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1367
	Conversion <Convs>	[0..1]			1367
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1369
	TargetCurrency <TrgtCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1369
	NumericCode <NmrcCd>	[1..1]	Text		1369
	Decimal <Dcml>	[1..1]	Quantity		1369
	Name <Nm>	[0..1]	Text		1369
	ResultingAmount <RsltAmt>	[0..1]	Amount		1370
	ExchangeRate <XchgRate>	[1..1]	Rate		1370
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1370
	QuotationDate <QtnDt>	[0..1]	DateTime		1370
	ValidFrom <VldFr>	[0..1]	DateTime		1370
	ValidUntil <VldUntil>	[0..1]	DateTime		1370
	SourceCurrency <SrcCcy>	[1..1]			1370
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1371
	NumericCode <NmrcCd>	[0..1]	Text		1371
	Decimal <Dcml>	[0..1]	Quantity		1371
	Name <Nm>	[0..1]	Text		1371
	ApplicableBinRange <AplblBinRg>	[0..*]			1371
	LowerBin <LwrBin>	[1..1]	Text		1372
	HigherBin <HghrBin>	[1..1]	Text		1372
	OriginalAmount <OrgnlAmt>	[0..1]			1372
	ActualAmount <ActlAmt>	[0..1]	Amount		1372
	MinimumAmount <MinAmt>	[0..1]	Amount		1372
	MaximumAmount <MaxAmt>	[0..1]	Amount		1372

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	MarkUpDetails <MrkUpDtls>	[0..*]			1373
	Rate <Rate>	[1..1]	Rate		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1373
	Instalment <Instlmt>	[0..*]	±		1374
	Recurring <Rcrng>	[0..1]	±		1375
	AggregationTransaction <Aggtntx>	[0..1]	±		1376
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1376
	SaleItem <Saleitm>	[0..*]	±		1376
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1377
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1377
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1377
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1377
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1378
	AdditionalInformation <AddtlInf>	[0..*]			1378
	Identification <Id>	[1..1]	Text		1378
	Value <Val>	[0..1]	Binary		1378
	ProtectedValue <PrctcdVal>	[0..1]	±		1378
	Type <Tp>	[0..1]	Text		1379
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1379
	AuthorisationResult <AuthstnRslt>	[0..1]			1379
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1379
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1380
	Response <Rspn>	[1..1]	CodeSet		1380
	ResponseReason <RspnRsn>	[0..1]	Text		1380
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1381
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1381
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1381

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			1381
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1382
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1383
	AccountName <AcctNm>	[0..1]	Text		1383
	AccountOwner <AcctOwnr>	[0..1]			1384
	Name <Nm>	[1..1]	Text		1384
	Address <Adr>	[1..1]	±		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	AccountIdentifier <AcctIdr>	[0..1]			1385
{Or	Card <Card>	[1..1]	Text		1385
Or	MSISDN <MSISDN>	[1..1]	Text		1385
Or	EMail <EMail>	[1..1]	Text		1385
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1385
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1386
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1386
Or	Domestic <Dmst>	[1..1]	Text		1386
Or}	Other <Othr>	[1..1]	Text		1386
	Servicer <Svcr>	[0..1]			1386
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1387
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1387
	AccountTo <AcctTo>	[0..1]			1387
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1388
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1389
	AccountName <AcctNm>	[0..1]	Text		1389
	AccountOwner <AcctOwnr>	[0..1]			1390
	Name <Nm>	[1..1]	Text		1390
	Address <Adr>	[1..1]	±		1390
	Currency <Ccy>	[0..1]	CodeSet	C1	1390
	AccountIdentifier <AcctIdr>	[0..1]			1391
{Or	Card <Card>	[1..1]	Text		1391
Or	MSISDN <MSISDN>	[1..1]	Text		1391

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		1391
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1391
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1392
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1392
Or	Domestic <Dmst>	[1..1]	Text		1392
Or}	Other <Othr>	[1..1]	Text		1392
	Servicer <Svcr>	[0..1]			1392
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1393
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1393
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1393

29.1.4.5.5.1 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 1761):

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

29.1.4.5.5.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: "CardPaymentServiceType12Code" on page 1723

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.

CodeName	Name	Definition
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.

29.1.4.5.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1725

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.

29.1.4.5.5.4 ServiceAttribute <SvcAttr>*Presence:* [0..1]*Definition:* Additional attribute of the service type.*Datatype:* "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

29.1.4.5.5.5 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 1761):

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

29.1.4.5.5.6 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 1769**29.1.4.5.5.7 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 1761):

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

29.1.4.5.5.8 CardProgrammeProposed <CardPrgrmmPropsd>*Presence:* [0..*]*Definition:* Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.*Datatype:* "Max35Text" on page 1766

29.1.4.5.5.9 CardProgrammeApplied <CardPrgrmmApId>*Presence:* [0..1]*Definition:* Specifies 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 1766**29.1.4.5.5.10 SaleReferenceIdentification <SaleRefId>***Presence:* [0..1]*Definition:* Global reference of the sale transaction for the sale system.*Datatype:* "Max35Text" on page 1766**29.1.4.5.5.11 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

29.1.4.5.5.12 OriginalTransaction <OrgnITx>*Presence:* [0..1]*Definition:* Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1438 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIID>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

29.1.4.5.5.13 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 1761):

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

29.1.4.5.5.14 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 1761):

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

29.1.4.5.5.15 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 1761):

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

29.1.4.5.5.16 FailureReason <FailrRsn>*Presence:* [0..*]*Definition:* List of incidents during the transaction.*Datatype:* "FailureReason3Code" on page 1730

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.

29.1.4.5.5.17 InitiatorTransactionIdentification <InitrTxld>*Presence:* [0..1]*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.*Datatype:* "Max35Text" on page 1766

29.1.4.5.5.18 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1764

29.1.4.5.5.19 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 1766

29.1.4.5.5.20 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1764

29.1.4.5.5.21 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

29.1.4.5.5.22 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

29.1.4.5.5.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1362
	TotalAmount <TtlAmt>	[1..1]	Amount		1362
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1362
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	DetailedAmount <DtldAmt>	[0..1]	±		1362
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1363
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1363
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1363
	ValidityDate <VldtyDt>	[0..1]	Date		1363
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1363
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1364
	AccountType <AcctTp>	[0..1]	CodeSet		1364
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1365
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1367
	Conversion <Convs>	[0..1]			1367
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1369
	TargetCurrency <TrgtCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1369
	NumericCode <NmrcCd>	[1..1]	Text		1369
	Decimal <Dcml>	[1..1]	Quantity		1369
	Name <Nm>	[0..1]	Text		1369
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1370
	ExchangeRate <XchgRate>	[1..1]	Rate		1370
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1370
	QuotationDate <QtnDt>	[0..1]	DateTime		1370
	ValidFrom <VldFr>	[0..1]	DateTime		1370
	ValidUntil <VldUntil>	[0..1]	DateTime		1370
	SourceCurrency <SrcCcy>	[1..1]			1370
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1371
	NumericCode <NmrcCd>	[0..1]	Text		1371
	Decimal <Dcml>	[0..1]	Quantity		1371

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1371
	ApplicableBinRange <ApblBinRg>	[0..*]			1371
	LowerBin <LwrBin>	[1..1]	Text		1372
	HigherBin <HghrBin>	[1..1]	Text		1372
	OriginalAmount <OrgnlAmt>	[0..1]			1372
	ActualAmount <ActlAmt>	[0..1]	Amount		1372
	MinimumAmount <MinAmt>	[0..1]	Amount		1372
	MaximumAmount <MaxAmt>	[0..1]	Amount		1372
	CommissionDetails <ComssnDtls>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	MarkUpDetails <MrkUpDtls>	[0..*]			1373
	Rate <Rate>	[1..1]	Rate		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1373
	Instalment <Instlmt>	[0..*]	±		1374
	Recurring <Rcrng>	[0..1]	±		1375
	AggregationTransaction <AggtTx>	[0..1]	±		1376
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1376
	SaleItem <Saleitm>	[0..*]	±		1376
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1377
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1377
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1377
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1377
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1378
	AdditionalInformation <AddtlInf>	[0..*]			1378
	Identification <Id>	[1..1]	Text		1378
	Value <Val>	[0..1]	Binary		1378
	ProtectedValue <PrctcdVal>	[0..1]	±		1378
	Type <Tp>	[0..1]	Text		1379
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1379

29.1.4.5.5.23.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

29.1.4.5.5.23.2 TotalAmount <TtlAmt>*Presence:* [1..1]*Definition:* Total amount of the transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.5.5.23.3 CumulativeAmount <CmltvAmt>***Presence:* [0..1]*Definition:* Contains the updated amount of all authorisations related to the same business transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.5.5.23.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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.
RESD	Reserved	Reserved or updated reserved amount for reservation.

29.1.4.5.5.23.5 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 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

29.1.4.5.5.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.5.5.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.5.5.23.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.5.5.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

29.1.4.5.5.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

29.1.4.5.5.23.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1766

29.1.4.5.5.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.

29.1.4.5.5.23.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1367
	Conversion <Convs>	[0..1]			1367
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1369
	TargetCurrency <TrgtCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1369
	NumericCode <NmrcCd>	[1..1]	Text		1369
	Decimal <Dcml>	[1..1]	Quantity		1369
	Name <Nm>	[0..1]	Text		1369
	ResultingAmount <RsltAmt>	[0..1]	Amount		1370
	ExchangeRate <XchgRate>	[1..1]	Rate		1370
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1370
	QuotationDate <QtnDt>	[0..1]	DateTime		1370
	ValidFrom <VldFr>	[0..1]	DateTime		1370
	ValidUntil <VldUntil>	[0..1]	DateTime		1370
	SourceCurrency <SrcCcy>	[1..1]			1370
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1371
	NumericCode <NmrcCd>	[0..1]	Text		1371
	Decimal <Dcml>	[0..1]	Quantity		1371
	Name <Nm>	[0..1]	Text		1371
	ApplicableBinRange <AplblBinRg>	[0..*]			1371
	LowerBin <LwrBin>	[1..1]	Text		1372
	HigherBin <HghrBin>	[1..1]	Text		1372
	OriginalAmount <OrgnlAmt>	[0..1]			1372
	ActualAmount <ActlAmt>	[0..1]	Amount		1372
	MinimumAmount <MinAmt>	[0..1]	Amount		1372
	MaximumAmount <MaxAmt>	[0..1]	Amount		1372
	CommissionDetails <ComssnDtls>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	MarkUpDetails <MrkUpDtls>	[0..*]			1373

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1373

29.1.4.5.5.23.13.1 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 1761):

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

29.1.4.5.5.23.13.2 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1369
	TargetCurrency <TrgtCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1369
	NumericCode <NmrcCd>	[1..1]	Text		1369
	Decimal <Dcml>	[1..1]	Quantity		1369
	Name <Nm>	[0..1]	Text		1369
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1370
	ExchangeRate <XchgRate>	[1..1]	Rate		1370
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1370
	QuotationDate <QtnDt>	[0..1]	DateTime		1370
	ValidFrom <VldFr>	[0..1]	DateTime		1370
	ValidUntil <VldUntil>	[0..1]	DateTime		1370
	SourceCurrency <SrcCcy>	[1..1]			1370
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1371
	NumericCode <NmrcCd>	[0..1]	Text		1371
	Decimal <Dcml>	[0..1]	Quantity		1371
	Name <Nm>	[0..1]	Text		1371
	ApplicableBinRange <AplblBinRg>	[0..*]			1371
	LowerBin <LwrBin>	[1..1]	Text		1372
	HigherBin <HghrBin>	[1..1]	Text		1372
	OriginalAmount <OrgnlAmt>	[0..1]			1372
	ActualAmount <ActlAmt>	[0..1]	Amount		1372
	MinimumAmount <MinAmt>	[0..1]	Amount		1372
	MaximumAmount <MaxAmt>	[0..1]	Amount		1372
	CommissionDetails <ComssnDtls>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	MarkUpDetails <MrkUpDtls>	[0..*]			1373
	Rate <Rate>	[1..1]	Rate		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1373

29.1.4.5.5.23.13.2.1 CurrencyConversionIdentification <CcyConvslId>*Presence:* [0..1]*Definition:* Identification of the currency conversion operation for the service provider.*Datatype:* "Max35Text" on page 1766**29.1.4.5.5.23.13.2.2 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	1369
	NumericCode <NmrcCd>	[1..1]	Text		1369
	Decimal <Dcml>	[1..1]	Quantity		1369
	Name <Nm>	[0..1]	Text		1369

29.1.4.5.5.23.13.2.2.1 AlphaCode <AlphaCd>*Presence:* [1..1]*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

29.1.4.5.5.23.13.2.2.2 NumericCode <NmrcCd>*Presence:* [1..1]*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).*Datatype:* "Exact3NumericText" on page 1763**29.1.4.5.5.23.13.2.2.3 Decimal <Dcml>***Presence:* [1..1]*Definition:* Maximal number of digits after the decimal separator for the currency.*Datatype:* "Number" on page 1762**29.1.4.5.5.23.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.5.5.23.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.5.5.23.13.2.4 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 1762

29.1.4.5.5.23.13.2.5 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 1762

29.1.4.5.5.23.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

29.1.4.5.5.23.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

29.1.4.5.5.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

29.1.4.5.5.23.13.2.9 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	1371
	NumericCode <NmrcCd>	[0..1]	Text		1371
	Decimal <Dcml>	[0..1]	Quantity		1371
	Name <Nm>	[0..1]	Text		1371

29.1.4.5.5.23.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.4.5.5.23.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

29.1.4.5.5.23.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

29.1.4.5.5.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.5.5.23.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApIblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1372
	HigherBin <HghrBin>	[1..1]	Text		1372

29.1.4.5.5.23.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.5.5.23.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.5.5.23.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		1372
	MinimumAmount <MinAmt>	[0..1]	Amount		1372
	MaximumAmount <MaxAmt>	[0..1]	Amount		1372

29.1.4.5.5.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.5.5.23.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.5.5.23.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.5.5.23.13.2.12 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		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373

29.1.4.5.5.23.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.5.5.23.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**29.1.4.5.5.23.13.2.13 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		1373
	AdditionalInformation <AddtlInf>	[0..1]	Text		1373

29.1.4.5.5.23.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**29.1.4.5.5.23.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**29.1.4.5.5.23.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.4.5.5.23.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

29.1.4.5.5.23.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

29.1.4.5.5.23.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Labl>	[0..1]	Text		1609

29.1.4.5.5.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1763

29.1.4.5.5.23.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

29.1.4.5.5.23.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.4.5.5.23.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

29.1.4.5.5.23.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

29.1.4.5.5.23.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

29.1.4.5.5.23.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.5.5.23.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1378
	Value <Val>	[0..1]	Binary		1378
	ProtectedValue <PrctcdVal>	[0..1]	±		1378
	Type <Tp>	[0..1]	Text		1379

29.1.4.5.5.23.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

29.1.4.5.5.23.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

29.1.4.5.5.23.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

29.1.4.5.5.23.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1763

29.1.4.5.5.23.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1702

29.1.4.5.5.24 AuthorisationResult <AuthstnRslt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1379
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1380
	Response <Rspn>	[1..1]	CodeSet		1380
	ResponseReason <RspnRsn>	[0..1]	Text		1380
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1381
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1381

29.1.4.5.5.24.1 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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

29.1.4.5.5.24.2 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		1380
	ResponseReason <RspnRsn>	[0..1]	Text		1380
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1381

29.1.4.5.5.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 1748

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).

29.1.4.5.5.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 1766

29.1.4.5.5.24.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1764

29.1.4.5.5.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1768

29.1.4.5.5.25 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1767

29.1.4.5.5.26 AccountFrom <AcctFr>

Presence: [0..1]

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

AccountFrom <AcctFr> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1382
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1383
	AccountName <AcctNm>	[0..1]	Text		1383
	AccountOwner <AcctOwnr>	[0..1]			1384
	Name <Nm>	[1..1]	Text		1384
	Address <Adr>	[1..1]	±		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	AccountIdentifier <AcctIdr>	[0..1]			1385
{Or	Card <Card>	[1..1]	Text		1385
Or	MSISDN <MSISDN>	[1..1]	Text		1385
Or	EMail <EMail>	[1..1]	Text		1385
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1385
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1386
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1386
Or	Domestic <Dmst>	[1..1]	Text		1386
Or}	Other <Othr>	[1..1]	Text		1386
	Servicer <Svcr>	[0..1]			1386
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1387
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1387

29.1.4.5.5.26.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

29.1.4.5.5.26.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

29.1.4.5.5.26.3 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 1767

29.1.4.5.5.26.4 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		1384
	Address <Adr>	[1..1]	±		1384

29.1.4.5.5.26.4.1 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 1767

29.1.4.5.5.26.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

29.1.4.5.5.26.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.4.5.5.26.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1385
Or	MSISDN <MSISDN>	[1..1]	Text		1385
Or	EMail <EMail>	[1..1]	Text		1385
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1385
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1386
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1386
Or	Domestic <Dmst>	[1..1]	Text		1386
Or}	Other <Othr>	[1..1]	Text		1386

29.1.4.5.5.26.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

29.1.4.5.5.26.6.2 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 1764

29.1.4.5.5.26.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

29.1.4.5.5.26.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

29.1.4.5.5.26.6.5 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 1760

29.1.4.5.5.26.6.6 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 1761

29.1.4.5.5.26.6.7 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 1766

29.1.4.5.5.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

29.1.4.5.5.26.7 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	1387
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1387

29.1.4.5.5.26.7.1 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 1760

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.

29.1.4.5.5.26.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

29.1.4.5.5.27 AccountTo <AcctTo>

Presence: [0..1]

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

AccountTo <AcctTo> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1388
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1389
	AccountName <AcctNm>	[0..1]	Text		1389
	AccountOwner <AcctOwnr>	[0..1]			1390
	Name <Nm>	[1..1]	Text		1390
	Address <Adr>	[1..1]	±		1390
	Currency <Ccy>	[0..1]	CodeSet	C1	1390
	AccountIdentifier <AcctIdr>	[0..1]			1391
{Or	Card <Card>	[1..1]	Text		1391
Or	MSISDN <MSISDN>	[1..1]	Text		1391
Or	EMail <EMail>	[1..1]	Text		1391
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1391
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1392
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1392
Or	Domestic <Dmst>	[1..1]	Text		1392
Or}	Other <Othr>	[1..1]	Text		1392
	Servicer <Svcr>	[0..1]			1392
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1393
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1393

29.1.4.5.5.27.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1704

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.

29.1.4.5.5.27.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

29.1.4.5.5.27.3 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 1767

29.1.4.5.5.27.4 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		1390
	Address <Adr>	[1..1]	±		1390

29.1.4.5.5.27.4.1 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 1767

29.1.4.5.5.27.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1623 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

29.1.4.5.5.27.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.4.5.5.27.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1391
Or	MSISDN <MSISDN>	[1..1]	Text		1391
Or	EMail <EMail>	[1..1]	Text		1391
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1391
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1392
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1392
Or	Domestic <Dmst>	[1..1]	Text		1392
Or}	Other <Othr>	[1..1]	Text		1392

29.1.4.5.5.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1769

29.1.4.5.5.27.6.2 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 1764

29.1.4.5.5.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1765

29.1.4.5.5.27.6.4 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: "IBAN2007Identifier" on page 1760

Constraints

- **IBAN**

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

29.1.4.5.5.27.6.5 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 1760

29.1.4.5.5.27.6.6 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 1761

29.1.4.5.5.27.6.7 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 1766

29.1.4.5.5.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1766

29.1.4.5.5.27.7 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	1393
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1393

29.1.4.5.5.27.7.1 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 1760

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.

29.1.4.5.5.27.7.2 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

29.1.4.5.5.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1767

29.1.4.6 CardPaymentTransaction136

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		1398
	TransactionType <TxTp>	[1..1]	CodeSet		1398
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1399
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1399
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1400
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1400
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1400
	TransactionIdentification <TxId>	[1..1]	±		1400
	OriginalTransaction <OrgnlTx>	[0..1]			1401
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	TransactionIdentification <TxId>	[1..1]	±		1403
	POIdentification <POId>	[1..1]	±		1403
	CurrencyConversion <CcyConvs>	[0..1]			1403
	Result <Rslt>	[1..1]	CodeSet		1406
	ResultReason <RsltRsn>	[0..1]	Text		1406
	ConversionDetails <ConvsDtls>	[0..*]			1406
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1408
	TargetCurrency <TrgtCcy>	[1..1]			1408
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1408
	NumericCode <NmrcCd>	[1..1]	Text		1408
	Decimal <Dcml>	[1..1]	Quantity		1408
	Name <Nm>	[0..1]	Text		1408
	ResultingAmount <RsltAmt>	[0..1]	Amount		1409
	ExchangeRate <XchgRate>	[1..1]	Rate		1409
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1409
	QuotationDate <QtnDt>	[0..1]	DateTime		1409
	ValidFrom <VldFr>	[0..1]	DateTime		1409
	ValidUntil <VldUntil>	[0..1]	DateTime		1409
	SourceCurrency <SrcCcy>	[1..1]			1409
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1410
	NumericCode <NmrcCd>	[0..1]	Text		1410

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1410
	Name <Nm>	[0..1]	Text		1410
	ApplicableBinRange <AplblBinRg>	[0..*]			1410
	LowerBin <LwrBin>	[1..1]	Text		1411
	HigherBin <HghrBin>	[1..1]	Text		1411
	OriginalAmount <OrgnlAmt>	[0..1]			1411
	ActualAmount <ActlAmt>	[0..1]	Amount		1411
	MinimumAmount <MinAmt>	[0..1]	Amount		1411
	MaximumAmount <MaxAmt>	[0..1]	Amount		1411
	CommissionDetails <ComssnDtls>	[0..*]			1412
	Amount <Amt>	[1..1]	Amount		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	MarkUpDetails <MrkUpDtls>	[0..*]			1412
	Rate <Rate>	[1..1]	Rate		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1412
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1413
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1413
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1413
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1413
	TransactionDetails <TxDtls>	[1..1]			1414
	Currency <Ccy>	[0..1]	CodeSet	C1	1417
	TotalAmount <TtlAmt>	[1..1]	Amount		1417
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1417
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1417
	DetailedAmount <DtldAmt>	[0..1]	±		1417
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1418
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1418
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1418
	ValidityDate <VldtyDt>	[0..1]	Date		1418
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1418

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1419
	AccountType <AcctTp>	[0..1]	CodeSet		1419
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			1420
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1422
	Conversion <Convs>	[0..1]			1422
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1424
	TargetCurrency <TrgtCcy>	[1..1]			1424
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1424
	NumericCode <NmrcCd>	[1..1]	Text		1424
	Decimal <Dcml>	[1..1]	Quantity		1424
	Name <Nm>	[0..1]	Text		1424
	ResultingAmount <RsltAmt>	[0..1]	Amount		1425
	ExchangeRate <XchgRate>	[1..1]	Rate		1425
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1425
	QuotationDate <QtnDt>	[0..1]	DateTime		1425
	ValidFrom <VldFr>	[0..1]	DateTime		1425
	ValidUntil <VldUntil>	[0..1]	DateTime		1425
	SourceCurrency <SrcCcy>	[1..1]			1425
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1426
	NumericCode <NmrcCd>	[0..1]	Text		1426
	Decimal <Dcml>	[0..1]	Quantity		1426
	Name <Nm>	[0..1]	Text		1426
	ApplicableBinRange <AplblBinRg>	[0..*]			1426
	LowerBin <LwrBin>	[1..1]	Text		1427
	HigherBin <HghrBin>	[1..1]	Text		1427
	OriginalAmount <OrgnlAmt>	[0..1]			1427
	ActualAmount <ActlAmt>	[0..1]	Amount		1427
	MinimumAmount <MinAmt>	[0..1]	Amount		1427
	MaximumAmount <MaxAmt>	[0..1]	Amount		1427
	CommissionDetails <ComssnDtls>	[0..*]			1428
	Amount <Amt>	[1..1]	Amount		1428

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	MarkUpDetails <MrkUpDtls>	[0..*]			1428
	Rate <Rate>	[1..1]	Rate		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1428
	Instalment <Instlmt>	[0..*]	±		1429
	Recurring <Rcrng>	[0..1]	±		1430
	AggregationTransaction <AggtnTx>	[0..1]	±		1431
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1431
	SaleItem <Saleitm>	[0..*]	±		1431
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1432
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1432
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1432
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1432
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1433
	AdditionalInformation <AddtlInf>	[0..*]			1433
	Identification <Id>	[1..1]	Text		1433
	Value <Val>	[0..1]	Binary		1433
	ProtectedValue <PrtctdVal>	[0..1]	±		1433
	Type <Tp>	[0..1]	Text		1434
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1434
	AuthorisationResult <AuthstnRslt>	[0..1]			1434
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1434
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1435
	Response <Rspn>	[1..1]	CodeSet		1435
	ResponseReason <RspnRsn>	[0..1]	Text		1435
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1436
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1436
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1436
	CustomerOrder <CstmrOrdr>	[0..1]	±		1436
	CustomerToken <CstmrTkn>	[0..1]	±		1436

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerConsent <CstmrChsnt>	[0..1]	Indicator		1437
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1437
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1437
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1437
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1438
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1438
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1438

29.1.4.6.1 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 1761):

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

29.1.4.6.2 TransactionType <TxTp>

Presence: [1..1]

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

Datatype: ["CardPaymentServiceType5Code"](#) on page 1724

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.

CodeName	Name	Definition
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.

29.1.4.6.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1725

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.

29.1.4.6.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

29.1.4.6.5 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 1761):

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

29.1.4.6.6 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 1769

29.1.4.6.7 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: ["Max35Text"](#) on page 1766

29.1.4.6.8 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

29.1.4.6.9 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	TransactionIdentification <TxId>	[1..1]	±		1403
	POIIdentification <POIID>	[1..1]	±		1403
	CurrencyConversion <CcyConvs>	[0..1]			1403
	Result <Rslt>	[1..1]	CodeSet		1406
	ResultReason <RsltRsn>	[0..1]	Text		1406
	ConversionDetails <ConvsDtls>	[0..*]			1406
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1408
	TargetCurrency <TrgtCcy>	[1..1]			1408
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1408
	NumericCode <NmrcCd>	[1..1]	Text		1408
	Decimal <Dcml>	[1..1]	Quantity		1408
	Name <Nm>	[0..1]	Text		1408
	ResultingAmount <RsltAmt>	[0..1]	Amount		1409
	ExchangeRate <XchgRate>	[1..1]	Rate		1409
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1409
	QuotationDate <QtnDt>	[0..1]	DateTime		1409
	ValidFrom <VldFr>	[0..1]	DateTime		1409
	ValidUntil <VldUntil>	[0..1]	DateTime		1409
	SourceCurrency <SrcCcy>	[1..1]			1409
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1410
	NumericCode <NmrcCd>	[0..1]	Text		1410
	Decimal <Dcml>	[0..1]	Quantity		1410
	Name <Nm>	[0..1]	Text		1410
	ApplicableBinRange <AplblBinRg>	[0..*]			1410
	LowerBin <LwrBin>	[1..1]	Text		1411
	HigherBin <HghrBin>	[1..1]	Text		1411
	OriginalAmount <OrgnlAmt>	[0..1]			1411
	ActualAmount <ActlAmt>	[0..1]	Amount		1411
	MinimumAmount <MinAmt>	[0..1]	Amount		1411
	MaximumAmount <MaxAmt>	[0..1]	Amount		1411

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1412
	Amount <Amt>	[1..1]	Amount		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	MarkUpDetails <MrkUpDtls>	[0..*]			1412
	Rate <Rate>	[1..1]	Rate		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1412

29.1.4.6.9.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.4.6.9.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

29.1.4.6.9.3 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 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1453
	Type <Tp>	[0..1]	CodeSet		1453
	Issuer <Issr>	[0..1]	CodeSet		1454
	ShortName <ShrtNm>	[0..1]	Text		1454

29.1.4.6.9.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		1406
	ResultReason <RsltRsn>	[0..1]	Text		1406
	ConversionDetails <ConvsDtls>	[0..*]			1406
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1408
	TargetCurrency <TrgtCcy>	[1..1]			1408
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1408
	NumericCode <NmrcCd>	[1..1]	Text		1408
	Decimal <Dcml>	[1..1]	Quantity		1408
	Name <Nm>	[0..1]	Text		1408
	ResultingAmount <RsltAmt>	[0..1]	Amount		1409
	ExchangeRate <XchgRate>	[1..1]	Rate		1409
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1409
	QuotationDate <QtnDt>	[0..1]	DateTime		1409
	ValidFrom <VldFr>	[0..1]	DateTime		1409
	ValidUntil <VldUntil>	[0..1]	DateTime		1409
	SourceCurrency <SrcCcy>	[1..1]			1409
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1410
	NumericCode <NmrcCd>	[0..1]	Text		1410
	Decimal <Dcml>	[0..1]	Quantity		1410
	Name <Nm>	[0..1]	Text		1410
	ApplicableBinRange <AplblBinRg>	[0..*]			1410
	LowerBin <LwrBin>	[1..1]	Text		1411
	HigherBin <HghrBin>	[1..1]	Text		1411
	OriginalAmount <OrgnlAmt>	[0..1]			1411
	ActualAmount <ActlAmt>	[0..1]	Amount		1411
	MinimumAmount <MinAmt>	[0..1]	Amount		1411
	MaximumAmount <MaxAmt>	[0..1]	Amount		1411
	CommissionDetails <ComssnDtls>	[0..*]			1412
	Amount <Amt>	[1..1]	Amount		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	MarkUpDetails <MrkUpDtls>	[0..*]			1412

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1412

29.1.4.6.9.4.1 Result <RsIt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 1728

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.

29.1.4.6.9.4.2 ResultReason <RsItRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 1766

29.1.4.6.9.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1408
	TargetCurrency <TrgtCcy>	[1..1]			1408
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1408
	NumericCode <NmrcCd>	[1..1]	Text		1408
	Decimal <Dcml>	[1..1]	Quantity		1408
	Name <Nm>	[0..1]	Text		1408
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1409
	ExchangeRate <XchgRate>	[1..1]	Rate		1409
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1409
	QuotationDate <QtnDt>	[0..1]	DateTime		1409
	ValidFrom <VldFr>	[0..1]	DateTime		1409
	ValidUntil <VldUntil>	[0..1]	DateTime		1409
	SourceCurrency <SrcCcy>	[1..1]			1409
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1410
	NumericCode <NmrcCd>	[0..1]	Text		1410
	Decimal <Dcml>	[0..1]	Quantity		1410
	Name <Nm>	[0..1]	Text		1410
	ApplicableBinRange <ApplBinRg>	[0..*]			1410
	LowerBin <LwrBin>	[1..1]	Text		1411
	HigherBin <HghrBin>	[1..1]	Text		1411
	OriginalAmount <OrgnlAmt>	[0..1]			1411
	ActualAmount <ActlAmt>	[0..1]	Amount		1411
	MinimumAmount <MinAmt>	[0..1]	Amount		1411
	MaximumAmount <MaxAmt>	[0..1]	Amount		1411
	CommissionDetails <ComssnDtls>	[0..*]			1412
	Amount <Amt>	[1..1]	Amount		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	MarkUpDetails <MrkUpDtls>	[0..*]			1412
	Rate <Rate>	[1..1]	Rate		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	DeclarationDetails <DclrtDtls>	[0..*]	±		1412

29.1.4.6.9.4.3.1 CurrencyConversionIdentification <CcyConvslId>*Presence:* [0..1]*Definition:* Identification of the currency conversion operation for the service provider.*Datatype:* "Max35Text" on page 1766**29.1.4.6.9.4.3.2 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	1408
	NumericCode <NmrcCd>	[1..1]	Text		1408
	Decimal <Dcml>	[1..1]	Quantity		1408
	Name <Nm>	[0..1]	Text		1408

29.1.4.6.9.4.3.2.1 AlphaCode <AlphaCd>*Presence:* [1..1]*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

29.1.4.6.9.4.3.2.2 NumericCode <NmrcCd>*Presence:* [1..1]*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).*Datatype:* "Exact3NumericText" on page 1763**29.1.4.6.9.4.3.2.3 Decimal <Dcml>***Presence:* [1..1]*Definition:* Maximal number of digits after the decimal separator for the currency.*Datatype:* "Number" on page 1762**29.1.4.6.9.4.3.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.6.9.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.9.4.3.4 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 1762

29.1.4.6.9.4.3.5 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 1762

29.1.4.6.9.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

29.1.4.6.9.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

29.1.4.6.9.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

29.1.4.6.9.4.3.9 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	1410
	NumericCode <NmrcCd>	[0..1]	Text		1410
	Decimal <Dcml>	[0..1]	Quantity		1410
	Name <Nm>	[0..1]	Text		1410

29.1.4.6.9.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.4.6.9.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

29.1.4.6.9.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

29.1.4.6.9.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.6.9.4.3.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1411
	HigherBin <HghrBin>	[1..1]	Text		1411

29.1.4.6.9.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.6.9.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.6.9.4.3.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		1411
	MinimumAmount <MinAmt>	[0..1]	Amount		1411
	MaximumAmount <MaxAmt>	[0..1]	Amount		1411

29.1.4.6.9.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.9.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.9.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.9.4.3.12 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		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412

29.1.4.6.9.4.3.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.6.9.4.3.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**29.1.4.6.9.4.3.13 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		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412

29.1.4.6.9.4.3.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**29.1.4.6.9.4.3.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**29.1.4.6.9.4.3.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrCdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.4.6.10 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 1766

29.1.4.6.11 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 1764

29.1.4.6.12 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

29.1.4.6.13 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 1764

29.1.4.6.14 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1417
	TotalAmount <TtlAmt>	[1..1]	Amount		1417
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1417
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1417
	DetailedAmount <DtldAmt>	[0..1]	±		1417
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1418
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1418
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1418
	ValidityDate <VldtyDt>	[0..1]	Date		1418
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1418
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1419
	AccountType <AcctTp>	[0..1]	CodeSet		1419
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1420
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1422
	Conversion <Convs>	[0..1]			1422
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1424
	TargetCurrency <TrgtCcy>	[1..1]			1424
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1424
	NumericCode <NmrcCd>	[1..1]	Text		1424
	Decimal <Dcml>	[1..1]	Quantity		1424
	Name <Nm>	[0..1]	Text		1424
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1425
	ExchangeRate <XchgRate>	[1..1]	Rate		1425
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1425
	QuotationDate <QtnDt>	[0..1]	DateTime		1425
	ValidFrom <VldFr>	[0..1]	DateTime		1425
	ValidUntil <VldUntil>	[0..1]	DateTime		1425
	SourceCurrency <SrcCcy>	[1..1]			1425
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1426
	NumericCode <NmrcCd>	[0..1]	Text		1426
	Decimal <Dcml>	[0..1]	Quantity		1426

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1426
	ApplicableBinRange <ApblBinRg>	[0..*]			1426
	LowerBin <LwrBin>	[1..1]	Text		1427
	HigherBin <HghrBin>	[1..1]	Text		1427
	OriginalAmount <OrgnlAmt>	[0..1]			1427
	ActualAmount <ActlAmt>	[0..1]	Amount		1427
	MinimumAmount <MinAmt>	[0..1]	Amount		1427
	MaximumAmount <MaxAmt>	[0..1]	Amount		1427
	CommissionDetails <ComssnDtls>	[0..*]			1428
	Amount <Amt>	[1..1]	Amount		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	MarkUpDetails <MrkUpDtls>	[0..*]			1428
	Rate <Rate>	[1..1]	Rate		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1428
	Instalment <Instlmt>	[0..*]	±		1429
	Recurring <Rcrng>	[0..1]	±		1430
	AggregationTransaction <AggtTx>	[0..1]	±		1431
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1431
	SaleItem <Saleitm>	[0..*]	±		1431
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1432
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1432
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1432
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1432
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1433
	AdditionalInformation <AddtlInf>	[0..*]			1433
	Identification <Id>	[1..1]	Text		1433
	Value <Val>	[0..1]	Binary		1433
	ProtectedValue <PrctcdVal>	[0..1]	±		1433
	Type <Tp>	[0..1]	Text		1434
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1434

29.1.4.6.14.1 Currency <Ccy>*Presence:* [0..1]*Definition:* Currency associated with the transaction.*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

29.1.4.6.14.2 TotalAmount <TtlAmt>*Presence:* [1..1]*Definition:* Total amount of the transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.6.14.3 CumulativeAmount <CmltvAmt>***Presence:* [0..1]*Definition:* Contains the updated amount of all authorisations related to the same business transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.6.14.4 AmountQualifier <AmtQlfr>***Presence:* [0..1]*Definition:* Qualifies the amount associated with the transaction.*Datatype:* "TypeOfAmount8Code" on page 1755

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.

29.1.4.6.14.5 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 1199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1199
	CashBack <CshBck>	[0..1]	Amount		1199
	Gratuity <Grtty>	[0..1]	Amount		1199
	Fees <Fees>	[0..*]	±		1199
	Rebate <Rbt>	[0..*]	±		1200
	ValueAddedTax <ValAddedTax>	[0..*]	±		1200
	Surcharge <Srchr>	[0..*]	±		1200

29.1.4.6.14.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.14.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.14.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.14.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1759

29.1.4.6.14.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1739

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

29.1.4.6.14.11 UnattendedLevelCategory <UatnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1766

29.1.4.6.14.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1720

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.

CodeName	Name	Definition
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.

29.1.4.6.14.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1422
	Conversion <Convs>	[0..1]			1422
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1424
	TargetCurrency <TrgtCcy>	[1..1]			1424
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1424
	NumericCode <NmrcCd>	[1..1]	Text		1424
	Decimal <Dcml>	[1..1]	Quantity		1424
	Name <Nm>	[0..1]	Text		1424
	ResultingAmount <RsltAmt>	[0..1]	Amount		1425
	ExchangeRate <XchgRate>	[1..1]	Rate		1425
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1425
	QuotationDate <QtnDt>	[0..1]	DateTime		1425
	ValidFrom <VldFr>	[0..1]	DateTime		1425
	ValidUntil <VldUntil>	[0..1]	DateTime		1425
	SourceCurrency <SrcCcy>	[1..1]			1425
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1426
	NumericCode <NmrcCd>	[0..1]	Text		1426
	Decimal <Dcml>	[0..1]	Quantity		1426
	Name <Nm>	[0..1]	Text		1426
	ApplicableBinRange <AplblBinRg>	[0..*]			1426
	LowerBin <LwrBin>	[1..1]	Text		1427
	HigherBin <HghrBin>	[1..1]	Text		1427
	OriginalAmount <OrgnlAmt>	[0..1]			1427
	ActualAmount <ActlAmt>	[0..1]	Amount		1427
	MinimumAmount <MinAmt>	[0..1]	Amount		1427
	MaximumAmount <MaxAmt>	[0..1]	Amount		1427
	CommissionDetails <ComssnDtls>	[0..*]			1428
	Amount <Amt>	[1..1]	Amount		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	MarkUpDetails <MrkUpDtls>	[0..*]			1428

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1428

29.1.4.6.14.13.1 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 1761](#)):

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

29.1.4.6.14.13.2 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1424
	TargetCurrency <TrgtCcy>	[1..1]			1424
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1424
	NumericCode <NmrcCd>	[1..1]	Text		1424
	Decimal <Dcml>	[1..1]	Quantity		1424
	Name <Nm>	[0..1]	Text		1424
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1425
	ExchangeRate <XchgRate>	[1..1]	Rate		1425
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1425
	QuotationDate <QtnDt>	[0..1]	DateTime		1425
	ValidFrom <VldFr>	[0..1]	DateTime		1425
	ValidUntil <VldUntil>	[0..1]	DateTime		1425
	SourceCurrency <SrcCcy>	[1..1]			1425
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1426
	NumericCode <NmrcCd>	[0..1]	Text		1426
	Decimal <Dcml>	[0..1]	Quantity		1426
	Name <Nm>	[0..1]	Text		1426
	ApplicableBinRange <AplblBinRg>	[0..*]			1426
	LowerBin <LwrBin>	[1..1]	Text		1427
	HigherBin <HghrBin>	[1..1]	Text		1427
	OriginalAmount <OrgnlAmt>	[0..1]			1427
	ActualAmount <ActlAmt>	[0..1]	Amount		1427
	MinimumAmount <MinAmt>	[0..1]	Amount		1427
	MaximumAmount <MaxAmt>	[0..1]	Amount		1427
	CommissionDetails <ComssnDtls>	[0..*]			1428
	Amount <Amt>	[1..1]	Amount		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	MarkUpDetails <MrkUpDtls>	[0..*]			1428
	Rate <Rate>	[1..1]	Rate		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1428

29.1.4.6.14.13.2.1 CurrencyConversionIdentification <CcyConvslId>*Presence:* [0..1]*Definition:* Identification of the currency conversion operation for the service provider.*Datatype:* "Max35Text" on page 1766**29.1.4.6.14.13.2.2 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	1424
	NumericCode <NmrcCd>	[1..1]	Text		1424
	Decimal <Dcml>	[1..1]	Quantity		1424
	Name <Nm>	[0..1]	Text		1424

29.1.4.6.14.13.2.2.1 AlphaCode <AlphaCd>*Presence:* [1..1]*Definition:* Alpha currency code (ISO 4217, 3 alphanumeric characters).*Impacted by:* C1 "ActiveCurrency"*Datatype:* "ActiveCurrencyCode" on page 1705**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.

29.1.4.6.14.13.2.2.2 NumericCode <NmrcCd>*Presence:* [1..1]*Definition:* Numeric currency code (ISO 4217, 3 numeric characters).*Datatype:* "Exact3NumericText" on page 1763**29.1.4.6.14.13.2.2.3 Decimal <Dcml>***Presence:* [1..1]*Definition:* Maximal number of digits after the decimal separator for the currency.*Datatype:* "Number" on page 1762**29.1.4.6.14.13.2.2.4 Name <Nm>***Presence:* [0..1]*Definition:* Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.6.14.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.14.13.2.4 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 1762

29.1.4.6.14.13.2.5 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 1762

29.1.4.6.14.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

29.1.4.6.14.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

29.1.4.6.14.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

29.1.4.6.14.13.2.9 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	1426
	NumericCode <NmrcCd>	[0..1]	Text		1426
	Decimal <Dcml>	[0..1]	Quantity		1426
	Name <Nm>	[0..1]	Text		1426

29.1.4.6.14.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.4.6.14.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

29.1.4.6.14.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

29.1.4.6.14.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.4.6.14.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1427
	HigherBin <HghrBin>	[1..1]	Text		1427

29.1.4.6.14.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.6.14.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.4.6.14.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		1427
	MinimumAmount <MinAmt>	[0..1]	Amount		1427
	MaximumAmount <MaxAmt>	[0..1]	Amount		1427

29.1.4.6.14.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.14.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.14.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.14.13.2.12 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		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428

29.1.4.6.14.13.2.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.4.6.14.13.2.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**29.1.4.6.14.13.2.13 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		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428

29.1.4.6.14.13.2.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**29.1.4.6.14.13.2.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**29.1.4.6.14.13.2.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.4.6.14.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 1490 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

29.1.4.6.14.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

29.1.4.6.14.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1607 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Labl>	[0..1]	Text		1609

29.1.4.6.14.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1763

29.1.4.6.14.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

29.1.4.6.14.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.4.6.14.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 1762

29.1.4.6.14.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

29.1.4.6.14.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 1762

29.1.4.6.14.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.4.6.14.24 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1433
	Value <Val>	[0..1]	Binary		1433
	ProtectedValue <PrtctdVal>	[0..1]	±		1433
	Type <Tp>	[0..1]	Text		1434

29.1.4.6.14.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

29.1.4.6.14.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

29.1.4.6.14.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

29.1.4.6.14.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1763

29.1.4.6.14.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 1702

29.1.4.6.15 AuthorisationResult <AuthstnRsIt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

AuthorisationResult <AuthstnRsIt> contains the following **AuthorisationResult18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1434
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1435
	Response <Rspn>	[1..1]	CodeSet		1435
	ResponseReason <RspnRsn>	[0..1]	Text		1435
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1436
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1436

29.1.4.6.15.1 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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

29.1.4.6.15.2 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		1435
	ResponseReason <RspnRsn>	[0..1]	Text		1435
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1436

29.1.4.6.15.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 1748

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).

29.1.4.6.15.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 1766

29.1.4.6.15.2.3 AdditionalResponseInformation <AddtlRspnInf>*Presence:* [0..1]*Definition:* Additional information on the response for further examination.*Datatype:* "Max140Text" on page 1764**29.1.4.6.15.3 AuthorisationCode <AuthstnCd>***Presence:* [0..1]*Definition:* Value assigned by the authorising party.*Datatype:* "Max8Text" on page 1768**29.1.4.6.16 MerchantReferenceData <MrchntRefData>***Presence:* [0..1]*Definition:* Merchant information that must be returned unchanged in the response.*Datatype:* "Max70Text" on page 1767**29.1.4.6.17 CustomerOrder <CstmrOrdr>***Presence:* [0..1]*Definition:* Customer Order processing data.**CustomerOrder <CstmrOrdr>** contains the following elements (see "CustomerOrder1" on page 1601 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		1601
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1601
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		1602
	StartDate <StartDt>	[1..1]	DateTime		1602
	EndDate <EndDt>	[0..1]	DateTime		1602
	Unit <Unit>	[0..1]	CodeSet		1602
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1602
	CurrentAmount <CurAmt>	[0..1]	Amount		1602
	Currency <Ccy>	[0..1]	CodeSet	C1	1602
	AccessedBy <AccsdBy>	[0..1]	Text		1603
	AdditionalInformation <AddtlInf>	[0..1]	Text		1603

29.1.4.6.18 CustomerToken <CstmrTkn>*Presence:* [0..1]*Definition:* Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 1699 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		1699
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1699
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1699
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1700
	TokenRequestor <TknRqstr>	[0..1]			1700
	ProviderIdentification <PrvdrId>	[1..1]	Text		1700
	RequestorIdentification <RqstrId>	[1..1]	Text		1700
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1700
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1700
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1700
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		1701

29.1.4.6.19 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: Indicates if the customer has explicitly validated a choice.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 1761):

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

29.1.4.6.20 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "[Max35Text](#)" on page 1766

29.1.4.6.21 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

Definition: Specifies 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 1766

29.1.4.6.22 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "[Max70Text](#)" on page 1767

29.1.4.6.23 SaleToAcquirerData <SaleToAcqrrData>*Presence:* [0..1]*Definition:* Sale information intended for the Acquirer.*Datatype:* "Max70Text" on page 1767**29.1.4.6.24 SaleToIssuerData <SaleToIssrData>***Presence:* [0..1]*Definition:* Sale information intended for the Issuer.*Datatype:* "Max70Text" on page 1767**29.1.4.6.25 AdditionalTransactionData <AddtlTxData>***Presence:* [0..*]*Definition:* Additional information related to the transaction.*Datatype:* "Max70Text" on page 1767**29.1.4.7 CardPaymentTransaction122***Definition:* Identification of the original transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1439
	TransactionIdentification <TxId>	[1..1]	±		1439
	POIIdentification <POIID>	[0..1]	±		1439
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1439
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1439
	TransactionType <TxTp>	[1..1]	CodeSet		1439
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1440
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1441
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1441
	TransactionResult <TxRslt>	[0..1]			1442
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

29.1.4.7.1 SaleReferenceIdentification <SaleRefId>*Presence:* [0..1]*Definition:* Global reference of the sale transaction for the sale system.*Datatype:* "Max35Text" on page 1766**29.1.4.7.2 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 1620 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

29.1.4.7.3 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 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1453
	Type <Tp>	[0..1]	CodeSet		1453
	Issuer <Issr>	[0..1]	CodeSet		1454
	ShortName <ShrtNm>	[0..1]	Text		1454

29.1.4.7.4 InitiatorTransactionIdentification <InitrTxId>*Presence:* [0..1]*Definition:* Identification of the transaction assigned by the initiating party for the recipient party.*Datatype:* "Max35Text" on page 1766**29.1.4.7.5 RecipientTransactionIdentification <RcptTxId>***Presence:* [0..1]*Definition:* Identification of the transaction assigned by the recipient party for the initiating party.*Datatype:* "Max140Text" on page 1764**29.1.4.7.6 TransactionType <TxTp>***Presence:* [1..1]*Definition:* Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType12Code" on page 1723

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.

29.1.4.7.7 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1725

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GR TT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.

CodeName	Name	Definition
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.

29.1.4.7.8 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

29.1.4.7.9 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card information.

Datatype: "CardDataReading8Code" on page 1721

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.

CodeName	Name	Definition
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.)

29.1.4.7.10 TransactionResult <TxRslt>

Presence: [0..1]

Definition: Result of the original transaction.

TransactionResult <TxRslt> contains the following **CardPaymentTransactionResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1442
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1443
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1444

29.1.4.7.10.1 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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

29.1.4.7.10.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation from the acquirer.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1443
	ResponseReason <RspnRsn>	[0..1]	Text		1443
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1444

29.1.4.7.10.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 1748

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).

29.1.4.7.10.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 1766

29.1.4.7.10.2.3 AdditionalResponseInformation <AddtlRspnInf>*Presence:* [0..1]*Definition:* Additional information on the response for further examination.*Datatype:* "Max140Text" on page 1764**29.1.4.7.10.3 AuthorisationCode <AuthstnCd>***Presence:* [0..1]*Definition:* Value assigned by the authorising party.*Datatype:* "Min6Max8Text" on page 1769**29.1.5 Identification Information****29.1.5.1 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		1444
	SchemeName <SchmeNm>	[0..1]	Text		1444
	Issuer <Issr>	[0..1]	Text		1444

29.1.5.1.1 Identification <Id>*Presence:* [1..1]*Definition:* Identification assigned by an institution.*Datatype:* "Max35Text" on page 1766**29.1.5.1.2 SchemeName <SchmeNm>***Presence:* [0..1]*Definition:* Name of the identification scheme.*Datatype:* "Max35Text" on page 1766**29.1.5.1.3 Issuer <Issr>***Presence:* [0..1]*Definition:* Entity that assigns the identification.*Datatype:* "Max35Text" on page 1766**29.1.5.2 GenericIdentification177***Definition:* Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

29.1.5.2.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1766

29.1.5.2.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 1741

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.

29.1.5.2.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 1741

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.

29.1.5.2.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 1768

29.1.5.2.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1766

29.1.5.2.6 RemoteAccess <RmotAccs>*Presence:* [0..1]*Definition:* Access information to reach the target host.**RemoteAccess <RmotAccs>** contains the following elements (see "[NetworkParameters7](#)" on [page 1622](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1622
	NetworkType <NtwkTp>	[1..1]	CodeSet		1622
	AddressValue <AdrVal>	[1..1]	Text		1622
	UserName <UsrNm>	[0..1]	Text		1623
	AccessCode <AccsCd>	[0..1]	Binary		1623
	ServerCertificate <SvrCert>	[0..*]	Binary		1623
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1623
	ClientCertificate <CIntCert>	[0..*]	Binary		1623
	SecurityProfile <SctyPrfl>	[0..1]	Text		1623

29.1.5.2.7 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]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

29.1.5.2.7.1 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		1448
	Longitude <Long>	[1..1]	Text		1448

29.1.5.2.7.1.1 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 1766

29.1.5.2.7.1.2 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 1766

29.1.5.2.7.2 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		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

29.1.5.2.7.2.1 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 1766

29.1.5.2.7.2.2 UTMEastward <UTMEstwr>

Presence: [1..1]

Definition: X-coordinate of the Universal Transverse Mercator

coordinate system.

Datatype: "Max35Text" on page 1766

29.1.5.2.7.2.3 UTMNorthward <UTMNrthwrd>

Presence: [1..1]

Definition: Y-coordinate of the Universal Transverse Mercator

coordinate system.

Datatype: "Max35Text" on page 1766

29.1.5.3 GenericIdentification176

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

29.1.5.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1766

29.1.5.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 1741

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.

29.1.5.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 1741

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.

29.1.5.3.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 1768

29.1.5.3.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1766

29.1.5.4 GenericIdentification90

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

29.1.5.4.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1766

29.1.5.4.2 Type <Tp>

Presence: [1..1]

Definition: Type of identified entity.

Datatype: "PartyType14Code" on page 1741

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.

29.1.5.4.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 1742

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.

29.1.5.4.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 1768

29.1.5.4.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1766

29.1.5.5 GenericIdentification36

Definition: Identification using a proprietary scheme.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1452
	Issuer <Issr>	[1..1]	Text		1452
	SchemeName <SchmeNm>	[0..1]	Text		1453

29.1.5.5.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 1766

29.1.5.5.2 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 1766

29.1.5.5.3 SchemeName <SchmeNm>*Presence:* [0..1]*Definition:* Short textual description of the scheme.*Datatype:* "Max35Text" on page 1766**29.1.5.6 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		1453
	IdentificationType <IdTp>	[1..1]	Text		1453

29.1.5.6.1 Identification <Id>*Presence:* [1..1]*Definition:* Identifier issued to a person for which no specific identifier has been defined.*Datatype:* "Max35Text" on page 1766**29.1.5.6.2 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 1766**29.1.5.7 GenericIdentification32***Definition:* Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1453
	Type <Tp>	[0..1]	CodeSet		1453
	Issuer <Issr>	[0..1]	CodeSet		1454
	ShortName <ShrtNm>	[0..1]	Text		1454

29.1.5.7.1 Identification <Id>*Presence:* [1..1]*Definition:* Identification of the entity.*Datatype:* "Max35Text" on page 1766**29.1.5.7.2 Type <Tp>***Presence:* [0..1]

Definition: Type of identified entity.

Datatype: "PartyType3Code" on page 1742

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.

29.1.5.7.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 1742

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.

29.1.5.7.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1766

29.1.6 Miscellaneous

29.1.6.1 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		1455
	Envelope <Envlp>	[1..1]	(External Schema)		1455

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.

29.1.6.1.1 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 1765

29.1.6.1.2 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.

29.1.6.2 RetailerPaymentResult6

Definition: Payment Data Results.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1458
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1459
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1460
	RequestedTransaction <ReqdTxx>	[0..1]	±		1460
	TransactionResponse <TxRspn>	[0..1]			1465
	AuthorisationResult <AuthstnRslt>	[1..1]			1468
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1468
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1469
	Response <Rspn>	[1..1]	CodeSet		1469
	ResponseReason <RspnRsn>	[0..1]	Text		1469
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1469
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1469
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1469
	TMSTrigger <TMSTrggr>	[0..1]			1470
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1470
	TMSIdentification <TMSId>	[0..1]	Text		1470
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1470
	AllowedProductCode <AllwdPdctCd>	[0..*]			1470
	ProductCode <PdctCd>	[1..1]	Text		1471
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1471
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1471
	ProductCode <PdctCd>	[1..1]	Text		1471
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1471
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1471
	ProductCode <PdctCd>	[1..1]	Text		1472
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1472
	AmountLimit <AmtLmt>	[0..1]	Amount		1472
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1472
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1472
	Balance <Bal>	[0..1]	±		1474
	ProtectedBalance <PrctdBal>	[0..1]	±		1474

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Action <Actn>	[0..*]			1475
	ActionType <ActnTp>	[1..1]	CodeSet		1475
	MessageToPresent <MsgToPres>	[0..1]	±		1476
	RemoteAccess <RmotAccs>	[0..1]	±		1477
	Retry <Rtry>	[0..1]	±		1477
	TimeCondition <TmCond>	[0..1]	±		1477
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1478
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1480
	TargetCurrency <TrgtCcy>	[1..1]			1480
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1480
	NumericCode <NmrcCd>	[1..1]	Text		1480
	Decimal <Dcml>	[1..1]	Quantity		1480
	Name <Nm>	[0..1]	Text		1481
	ResultingAmount <RsltAmt>	[0..1]	Amount		1481
	ExchangeRate <XchgRate>	[1..1]	Rate		1481
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1481
	QuotationDate <QtnDt>	[0..1]	DateTime		1481
	ValidFrom <VldFr>	[0..1]	DateTime		1481
	ValidUntil <VldUntil>	[0..1]	DateTime		1481
	SourceCurrency <SrcCcy>	[1..1]			1481
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1482
	NumericCode <NmrcCd>	[0..1]	Text		1482
	Decimal <Dcml>	[0..1]	Quantity		1482
	Name <Nm>	[0..1]	Text		1482
	ApplicableBinRange <AplblBinRg>	[0..*]			1482
	LowerBin <LwrBin>	[1..1]	Text		1483
	HigherBin <HghrBin>	[1..1]	Text		1483
	OriginalAmount <OrgnlAmt>	[0..1]			1483
	ActualAmount <ActlAmt>	[0..1]	Amount		1483
	MinimumAmount <MinAmt>	[0..1]	Amount		1483
	MaximumAmount <MaxAmt>	[0..1]	Amount		1483

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1484
	Amount <Amt>	[1..1]	Amount		1484
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484
	MarkUpDetails <MrkUpDtls>	[0..*]			1484
	Rate <Rate>	[1..1]	Rate		1484
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1484
	CustomerOrder <CstmrOrdr>	[0..*]	±		1485
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1486
	ImageFormat <ImgFrmt>	[1..1]	Text		1486
	ImageData <ImgData>	[0..1]	Binary		1486
	ImageReference <ImgRef>	[0..1]	Text		1487
	AdditionalInformation <AddtlInf>	[0..1]	Text		1487
	ProtectedCapturedSignature <PrtctdCaptrdSgntr>	[0..1]	±		1487
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		1487
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C4	1487
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		1487

29.1.6.2.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of payment transaction.

Datatype: "CardPaymentServiceType12Code" on page 1723

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.

CodeName	Name	Definition
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.

29.1.6.2.2 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service provided by the card payment transaction, in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1725

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.

29.1.6.2.3 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1724

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

29.1.6.2.4 RequestedTransaction <ReqdTxx>

Presence: [0..1]

Definition: Data associated with the Transaction.

RequestedTransaction <ReqdTxx> contains the following elements (see "CardPaymentTransaction136" on page 1393 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1398
	TransactionType <TxTp>	[1..1]	CodeSet		1398
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1399
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1399
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1400
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1400
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1400
	TransactionIdentification <TxId>	[1..1]	±		1400
	OriginalTransaction <OrgnlTx>	[0..1]			1401
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	TransactionIdentification <TxId>	[1..1]	±		1403
	POIdentification <POId>	[1..1]	±		1403
	CurrencyConversion <CcyConvs>	[0..1]			1403
	Result <Rslt>	[1..1]	CodeSet		1406
	ResultReason <RsltRsn>	[0..1]	Text		1406
	ConversionDetails <ConvsDtls>	[0..*]			1406
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1408
	TargetCurrency <TrgtCcy>	[1..1]			1408
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1408
	NumericCode <NmrcCd>	[1..1]	Text		1408
	Decimal <Dcml>	[1..1]	Quantity		1408
	Name <Nm>	[0..1]	Text		1408
	ResultingAmount <RsltAmt>	[0..1]	Amount		1409
	ExchangeRate <XchgRate>	[1..1]	Rate		1409
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1409
	QuotationDate <QtnDt>	[0..1]	DateTime		1409
	ValidFrom <VldFr>	[0..1]	DateTime		1409
	ValidUntil <VldUntil>	[0..1]	DateTime		1409
	SourceCurrency <SrcCcy>	[1..1]			1409
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1410

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		1410
	Decimal <Dcml>	[0..1]	Quantity		1410
	Name <Nm>	[0..1]	Text		1410
	ApplicableBinRange <AplblBinRg>	[0..*]			1410
	LowerBin <LwrBin>	[1..1]	Text		1411
	HigherBin <HghrBin>	[1..1]	Text		1411
	OriginalAmount <OrgnlAmt>	[0..1]			1411
	ActualAmount <ActlAmt>	[0..1]	Amount		1411
	MinimumAmount <MinAmt>	[0..1]	Amount		1411
	MaximumAmount <MaxAmt>	[0..1]	Amount		1411
	CommissionDetails <ComssnDtls>	[0..*]			1412
	Amount <Amt>	[1..1]	Amount		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	MarkUpDetails <MrkUpDtls>	[0..*]			1412
	Rate <Rate>	[1..1]	Rate		1412
	AdditionalInformation <AddtlInf>	[0..1]	Text		1412
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1412
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1413
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1413
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1413
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1413
	TransactionDetails <TxDtls>	[1..1]			1414
	Currency <Ccy>	[0..1]	CodeSet	C1	1417
	TotalAmount <TtlAmt>	[1..1]	Amount		1417
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1417
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1417
	DetailedAmount <DtldAmt>	[0..1]	±		1417
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1418
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1418
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1418
	ValidityDate <VldtyDt>	[0..1]	Date		1418

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1418
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1419
	AccountType <AcctTp>	[0..1]	CodeSet		1419
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1420
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1422
	Conversion <Convs>	[0..1]			1422
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1424
	TargetCurrency <TrgtCcy>	[1..1]			1424
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1424
	NumericCode <NmrcCd>	[1..1]	Text		1424
	Decimal <Dcml>	[1..1]	Quantity		1424
	Name <Nm>	[0..1]	Text		1424
	ResultingAmount <RsltAmt>	[0..1]	Amount		1425
	ExchangeRate <XchgRate>	[1..1]	Rate		1425
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1425
	QuotationDate <QtnDt>	[0..1]	DateTime		1425
	ValidFrom <VldFr>	[0..1]	DateTime		1425
	ValidUntil <VldUntil>	[0..1]	DateTime		1425
	SourceCurrency <SrcCcy>	[1..1]			1425
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1426
	NumericCode <NmrcCd>	[0..1]	Text		1426
	Decimal <Dcml>	[0..1]	Quantity		1426
	Name <Nm>	[0..1]	Text		1426
	ApplicableBinRange <AplblBinRg>	[0..*]			1426
	LowerBin <LwrBin>	[1..1]	Text		1427
	HigherBin <HghrBin>	[1..1]	Text		1427
	OriginalAmount <OrgnlAmt>	[0..1]			1427
	ActualAmount <ActlAmt>	[0..1]	Amount		1427
	MinimumAmount <MinAmt>	[0..1]	Amount		1427
	MaximumAmount <MaxAmt>	[0..1]	Amount		1427
	CommissionDetails <ComssnDtls>	[0..*]			1428

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	MarkUpDetails <MrkUpDtls>	[0..*]			1428
	Rate <Rate>	[1..1]	Rate		1428
	AdditionalInformation <AddtlInf>	[0..1]	Text		1428
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1428
	Instalment <Instlmt>	[0..*]	±		1429
	Recurring <Rcrng>	[0..1]	±		1430
	AggregationTransaction <AggtnTx>	[0..1]	±		1431
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1431
	SaleItem <Saleitm>	[0..*]	±		1431
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1432
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1432
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1432
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1432
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1433
	AdditionalInformation <AddtlInf>	[0..*]			1433
	Identification <Id>	[1..1]	Text		1433
	Value <Val>	[0..1]	Binary		1433
	ProtectedValue <PrctdVal>	[0..1]	±		1433
	Type <Tp>	[0..1]	Text		1434
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1434
	AuthorisationResult <AuthstnRslt>	[0..1]			1434
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1434
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1435
	Response <Rspn>	[1..1]	CodeSet		1435
	ResponseReason <RspnRsn>	[0..1]	Text		1435
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1436
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1436
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1436
	CustomerOrder <CstmrOrd>	[0..1]	±		1436

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerToken <CstmrTkn>	[0..1]	±		1436
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1437
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1437
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1437
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1437
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1438
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1438
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1438

29.1.6.2.5 TransactionResponse <TxRspn>

Presence: [0..1]

Definition: Result of the transaction processing.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction132** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			1468
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1468
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1469
	Response <Rspn>	[1..1]	CodeSet		1469
	ResponseReason <RspnRsn>	[0..1]	Text		1469
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1469
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1469
	CompletionRequired <CmpltnReqr>	[0..1]	Indicator		1469
	TMSTrigger <TMSTrggr>	[0..1]			1470
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1470
	TMSIdentification <TMSId>	[0..1]	Text		1470
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1470
	AllowedProductCode <AllwdPdctCd>	[0..*]			1470
	ProductCode <PdctCd>	[1..1]	Text		1471
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1471
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1471
	ProductCode <PdctCd>	[1..1]	Text		1471
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1471
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1471
	ProductCode <PdctCd>	[1..1]	Text		1472
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1472
	AmountLimit <AmtLmt>	[0..1]	Amount		1472
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1472
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1472
	Balance <Bal>	[0..1]	±		1474
	ProtectedBalance <PrctcdBal>	[0..1]	±		1474
	Action <Actn>	[0..*]			1475
	ActionType <ActnTp>	[1..1]	CodeSet		1475
	MessageToPresent <MsgToPres>	[0..1]	±		1476
	RemoteAccess <RmotAccs>	[0..1]	±		1477
	Retry <Rtry>	[0..1]	±		1477

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		1477
	CurrencyConversionEligibility <CcyConvslElgblty>	[0..1]			1478
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1480
	TargetCurrency <TrgtCcy>	[1..1]			1480
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1480
	NumericCode <NmrcCd>	[1..1]	Text		1480
	Decimal <Dcml>	[1..1]	Quantity		1480
	Name <Nm>	[0..1]	Text		1481
	ResultingAmount <RsltAmt>	[0..1]	Amount		1481
	ExchangeRate <XchgRate>	[1..1]	Rate		1481
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1481
	QuotationDate <QtnDt>	[0..1]	DateTime		1481
	ValidFrom <VldFr>	[0..1]	DateTime		1481
	ValidUntil <VldUntil>	[0..1]	DateTime		1481
	SourceCurrency <SrcCcy>	[1..1]			1481
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1482
	NumericCode <NmrcCd>	[0..1]	Text		1482
	Decimal <Dcml>	[0..1]	Quantity		1482
	Name <Nm>	[0..1]	Text		1482
	ApplicableBinRange <AplblBinRg>	[0..*]			1482
	LowerBin <LwrBin>	[1..1]	Text		1483
	HigherBin <HghrBin>	[1..1]	Text		1483
	OriginalAmount <OrgnlAmt>	[0..1]			1483
	ActualAmount <ActlAmt>	[0..1]	Amount		1483
	MinimumAmount <MinAmt>	[0..1]	Amount		1483
	MaximumAmount <MaxAmt>	[0..1]	Amount		1483
	CommissionDetails <ComssnDtls>	[0..*]			1484
	Amount <Amt>	[1..1]	Amount		1484
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484
	MarkUpDetails <MrkUpDtls>	[0..*]			1484
	Rate <Rate>	[1..1]	Rate		1484

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1484

29.1.6.2.5.1 AuthorisationResult <AuthstnRslt>

Presence: [1..1]

Definition: Outcome of the authorisation, and actions to perform.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1468
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1469
	Response <Rspn>	[1..1]	CodeSet		1469
	ResponseReason <RspnRsn>	[0..1]	Text		1469
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1469
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1469
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1469
	TMSTrigger <TMSTrggr>	[0..1]			1470
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1470
	TMSIdentification <TMSId>	[0..1]	Text		1470
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1470

29.1.6.2.5.1.1 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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1451
	Type <Tp>	[1..1]	CodeSet		1451
	Issuer <Issr>	[0..1]	CodeSet		1451
	Country <Ctry>	[0..1]	Text		1452
	ShortName <ShrtNm>	[0..1]	Text		1452

29.1.6.2.5.1.2 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		1469
	ResponseReason <RspnRsn>	[0..1]	Text		1469
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1469

29.1.6.2.5.1.2.1 Response <Rspn>*Presence:* [1..1]*Definition:* Result of the transaction.*Datatype:* "Response9Code" on page 1748

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).

29.1.6.2.5.1.2.2 ResponseReason <RspnRsn>*Presence:* [0..1]*Definition:* Detailed result of the transaction.*Datatype:* "Max35Text" on page 1766**29.1.6.2.5.1.2.3 AdditionalResponseInformation <AddtlRspnInf>***Presence:* [0..1]*Definition:* Additional information on the response for further examination.*Datatype:* "Max140Text" on page 1764**29.1.6.2.5.1.3 AuthorisationCode <AuthstnCd>***Presence:* [0..1]*Definition:* Value assigned by the authorising party.*Datatype:* "Max8Text" on page 1768**29.1.6.2.5.1.4 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 1761):

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

29.1.6.2.5.1.5 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructs the point of interaction (POI) how to contact the host to initiate the maintenance of the terminal.

TMSTrigger <TMSTrggr> contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1470
	TMSIdentification <TMSId>	[0..1]	Text		1470
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1470

29.1.6.2.5.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: ["TMSContactLevel1Code"](#) on page 1754

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.

29.1.6.2.5.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: ["Max35Text"](#) on page 1766

29.1.6.2.5.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: ["ISODatetime"](#) on page 1759

29.1.6.2.5.2 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		1471
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1471

29.1.6.2.5.2.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1767

29.1.6.2.5.2.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1767

29.1.6.2.5.3 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		1471
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1471

29.1.6.2.5.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1767

29.1.6.2.5.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1767

29.1.6.2.5.4 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		1472
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1472
	AmountLimit <AmtLmt>	[0..1]	Amount		1472
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1472
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1472

29.1.6.2.5.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1767

29.1.6.2.5.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1767

29.1.6.2.5.4.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.2.5.4.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1761

29.1.6.2.5.4.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1757

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.

29.1.6.2.5.5 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 1196 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1196
	Currency <Ccy>	[1..1]	CodeSet	C1	1196
	Sign <Sgn>	[0..1]	Indicator		1197

29.1.6.2.5.6 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType40](#)" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1675
	EnvelopedData <EnvlpdData>	[1..1]	±		1676

29.1.6.2.5.7 Action <Actn>*Presence:* [0..*]*Definition:* Set of actions to be performed by the POI (Point Of Interaction) system.**Action <Actn>** contains the following **Action15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1475
	MessageToPresent <MsgToPres>	[0..1]	±		1476
	RemoteAccess <RmotAccs>	[0..1]	±		1477
	Retry <Rtry>	[0..1]	±		1477
	TimeCondition <TmCond>	[0..1]	±		1477

29.1.6.2.5.7.1 ActionType <ActnTp>*Presence:* [1..1]*Definition:* Type of action to be performed by the POI (Point Of Interaction) system.*Datatype:* "ActionType13Code" on page 1704

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

CodeName	Name	Definition
		ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.

29.1.6.2.5.7.2 MessageToPresent <MsgToPres>

Presence: [0..1]

Definition: Message to be displayed to the cardholder or the cashier.

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage11](#)" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrnd>	[0..1]			1556
	BarcodeType <BrndTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrndVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.6.2.5.7.3 RemoteAccess <RmotAccs>*Presence:* [0..1]*Definition:* Access information to reach the target host.**RemoteAccess <RmotAccs>** contains the following elements (see "[NetworkParameters7](#)" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1622
	NetworkType <NtwkTp>	[1..1]	CodeSet		1622
	AddressValue <AdrVal>	[1..1]	Text		1622
	UserName <UsrNm>	[0..1]	Text		1623
	AccessCode <AccsCd>	[0..1]	Binary		1623
	ServerCertificate <SvrCert>	[0..*]	Binary		1623
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1623
	ClientCertificate <CIntCert>	[0..*]	Binary		1623
	SecurityProfile <SctyPrfl>	[0..1]	Text		1623

29.1.6.2.5.7.4 Retry <Rtry>*Presence:* [0..1]*Definition:* Definition of retry process if activation of an action fails.**Retry <Rtry>** contains the following elements (see "[ProcessRetry3](#)" on page 1694 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		1694
	MaximumNumber <MaxNb>	[0..1]	Quantity		1694
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1694

29.1.6.2.5.7.5 TimeCondition <TmCond>*Presence:* [0..1]*Definition:* Timing condition for periodic exchanges.**TimeCondition <TmCond>** contains the following elements (see "[ProcessTiming6](#)" on page 1695 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		1695
	EndTime <EndTm>	[0..1]	DateTime		1695
	Period <Prd>	[0..1]	Text		1695
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1695

29.1.6.2.5.8 CurrencyConversionEligibility <CcyConvsElgblty>

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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1480
	TargetCurrency <TrgtCcy>	[1..1]			1480
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1480
	NumericCode <NmrcCd>	[1..1]	Text		1480
	Decimal <Dcml>	[1..1]	Quantity		1480
	Name <Nm>	[0..1]	Text		1481
	ResultingAmount <RsltAmt>	[0..1]	Amount		1481
	ExchangeRate <XchgRate>	[1..1]	Rate		1481
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1481
	QuotationDate <QtnDt>	[0..1]	DateTime		1481
	ValidFrom <VldFr>	[0..1]	DateTime		1481
	ValidUntil <VldUntil>	[0..1]	DateTime		1481
	SourceCurrency <SrcCcy>	[1..1]			1481
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1482
	NumericCode <NmrcCd>	[0..1]	Text		1482
	Decimal <Dcml>	[0..1]	Quantity		1482
	Name <Nm>	[0..1]	Text		1482
	ApplicableBinRange <AplblBinRg>	[0..*]			1482
	LowerBin <LwrBin>	[1..1]	Text		1483
	HigherBin <HghrBin>	[1..1]	Text		1483
	OriginalAmount <OrgnlAmt>	[0..1]			1483
	ActualAmount <ActlAmt>	[0..1]	Amount		1483
	MinimumAmount <MinAmt>	[0..1]	Amount		1483
	MaximumAmount <MaxAmt>	[0..1]	Amount		1483
	CommissionDetails <ComssnDtls>	[0..*]			1484
	Amount <Amt>	[1..1]	Amount		1484
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484
	MarkUpDetails <MrkUpDtls>	[0..*]			1484
	Rate <Rate>	[1..1]	Rate		1484
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1484

29.1.6.2.5.8.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.2.5.8.2 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	1480
	NumericCode <NmrcCd>	[1..1]	Text		1480
	Decimal <Dcml>	[1..1]	Quantity		1480
	Name <Nm>	[0..1]	Text		1481

29.1.6.2.5.8.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.6.2.5.8.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1763

29.1.6.2.5.8.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1762

29.1.6.2.5.8.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.6.2.5.8.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.2.5.8.4 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 1762

29.1.6.2.5.8.5 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 1762

29.1.6.2.5.8.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1759

29.1.6.2.5.8.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1759

29.1.6.2.5.8.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1759

29.1.6.2.5.8.9 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	1482
	NumericCode <NmrcCd>	[0..1]	Text		1482
	Decimal <Dcml>	[0..1]	Quantity		1482
	Name <Nm>	[0..1]	Text		1482

29.1.6.2.5.8.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.6.2.5.8.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1763

29.1.6.2.5.8.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1762

29.1.6.2.5.8.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1766

29.1.6.2.5.8.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApIblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1483
	HigherBin <HghrBin>	[1..1]	Text		1483

29.1.6.2.5.8.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.6.2.5.8.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1764

29.1.6.2.5.8.11 OriginalAmount <OrgnlAmt>

Presence: [0..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		1483
	MinimumAmount <MinAmt>	[0..1]	Amount		1483
	MaximumAmount <MaxAmt>	[0..1]	Amount		1483

29.1.6.2.5.8.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.2.5.8.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.2.5.8.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.2.5.8.12 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		1484
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484

29.1.6.2.5.8.12.1 Amount <Amt>*Presence:* [1..1]*Definition:* Commission expressed as an amount of money.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.6.2.5.8.12.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of commission.*Datatype:* "Max350Text" on page 1765**29.1.6.2.5.8.13 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		1484
	AdditionalInformation <AddtlInf>	[0..1]	Text		1484

29.1.6.2.5.8.13.1 Rate <Rate>*Presence:* [1..1]*Definition:* Commission expressed as a percentage.*Datatype:* "PercentageRate" on page 1762**29.1.6.2.5.8.13.2 AdditionalInformation <AddtlInf>***Presence:* [0..1]*Definition:* Additional information about the type of markup.*Datatype:* "Max350Text" on page 1765**29.1.6.2.5.8.14 DeclarationDetails <DclrtnDtls>***Presence:* [0..*]*Definition:* Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.6.2.6 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Customer order attached to a customer, recorded in the POI system.

CustomerOrder <CstmrOrd> contains the following elements (see "[CustomerOrder1](#)" on page 1601 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		1601
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1601
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1602
	StartDate <StartDt>	[1..1]	DateTime		1602
	EndDate <EndDt>	[0..1]	DateTime		1602
	Unit <Unit>	[0..1]	CodeSet		1602
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1602
	CurrentAmount <CurAmt>	[0..1]	Amount		1602
	Currency <Ccy>	[0..1]	CodeSet	C1	1602
	AccessedBy <AccsdBy>	[0..1]	Text		1603
	AdditionalInformation <AddtlInf>	[0..1]	Text		1603

29.1.6.2.7 ImageCapturedSignature <ImgCaptrdSgntr>

Presence: [0..1]

Definition: Numeric value of a handwritten signature.

ImageCapturedSignature <ImgCaptrdSgntr> contains the following **CapturedSignature1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageFormat <ImgFrmt>	[1..1]	Text		1486
	ImageData <ImgData>	[0..1]	Binary		1486
	ImageReference <ImgRef>	[0..1]	Text		1487
	AdditionalInformation <AddtlInf>	[0..1]	Text		1487

29.1.6.2.7.1 ImageFormat <ImgFrmt>

Presence: [1..1]

Definition: Format of the image.

Datatype: "[Max35Text](#)" on page 1766

29.1.6.2.7.2 ImageData <ImgData>

Presence: [0..1]

Definition: Data of the image.

Datatype: "[Max2MBBinary](#)" on page 1703

29.1.6.2.7.3 ImageReference <ImgRef>

Presence: [0..1]
Definition: URL or name of the image.
Datatype: "Max500Text" on page 1767

29.1.6.2.7.4 AdditionalInformation <AddtlInf>

Presence: [0..1]
Definition: Additional information for the image.
Datatype: "Max140Text" on page 1764

29.1.6.2.8 ProtectedCapturedSignature <PrctcdCaptrdSgntr>

Presence: [0..1]
Definition: Protected value of a handwritten signature.

ProtectedCapturedSignature <PrctcdCaptrdSgntr> contains the following elements (see "ContentInformationType40" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1675
	EnvelopedData <EnvlpdData>	[1..1]	±		1676

29.1.6.2.9 MerchantOverrideFlag <MrchntOvrrdFlg>

Presence: [0..1]
Definition: Indicate that the Merchant forced the result of the payment to successful.
Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1761):

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

29.1.6.2.10 CustomerLanguage <CstmrLang>

Presence: [0..1]
Definition: Language used to display messages to the customer.
Impacted by: C4 "ValidationByTable"
Datatype: "LanguageCode" on page 1734

Constraints

- ValidationByTable**
Must be a valid terrestrial language.

29.1.6.2.11 OnlineFlag <OnlnFlg>

Presence: [0..1]
Definition: Indicate that the payment transaction processing has required the approval of an acquirer.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1761):

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

29.1.6.3 RecurringTransaction6

Definition: Element related to recurring transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1488
	SequenceNumber <SeqNb>	[0..1]	Quantity		1488
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1488
	GracePeriod <GracePrd>	[0..*]	±		1489
	PlanNotice <PlanNtce>	[0..*]	±		1489

29.1.6.3.1 PlanIdentification <PlanId>

Presence: [0..1]

Definition: Identification of the recurring plan.

Datatype: ["Max35Text"](#) on page 1766

29.1.6.3.2 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Indicates the recurring occurrence of the transaction (1 = 1st recurring, 2 = 2nd recurring, etc.).

Datatype: ["Number"](#) on page 1762

29.1.6.3.3 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments (for example day, month, year).

Datatype: ["Frequency3Code"](#) on page 1731

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.

CodeName	Name	Definition
TEND	TenDays	Event takes place every ten business days.

29.1.6.3.4 GracePeriod <GracePrd>

Presence: [0..*]

Definition: Contains grace period details.

GracePeriod <GracePrd> contains the following elements (see "[GracePeriod1](#)" on page 1201 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		1201
	UnitType <UnitTp>	[1..1]	CodeSet		1201
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1201

29.1.6.3.5 PlanNotice <PlanNtce>

Presence: [0..*]

Definition: Notice related to the RecurringPlan.

PlanNotice <PlanNtce> contains the following elements (see "[ActionMessage11](#)" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.6.4 Instalment5

Definition: Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1490
	PlanIdentification <PlanId>	[0..1]	Text		1491
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1491
	SequenceNumber <SeqNb>	[0..1]	Quantity		1491
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1491
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1492
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1492
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1492
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C3	1492
	FirstAmount <FrstAmt>	[0..1]	Amount		1492
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1493
	LastAmount <LastAmt>	[0..1]	Amount		1493
	Charges <Chrgs>	[0..1]	Amount		1493
	DetailedCharges <DtldChrgs>	[0..*]	±		1493
	InterestRate <IntrstRate>	[0..*]			1493
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494
	GracePeriod <GracePrd>	[0..*]	±		1494
	PlanNotice <PlanNtce>	[0..*]	±		1495

29.1.6.4.1 InstalmentPlan <InstlmtPlan>

Presence: [0..*]

Definition: Type of instalment plan.

Datatype: "InstalmentPlan1Code" on page 1733

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.

CodeName	Name	Definition
DFRI	DeferredInstalment	The first instalment is deferred.

29.1.6.4.2 PlanIdentification <PlanId>

Presence: [0..1]

Definition: Identification of the instalment plan.

Datatype: "Max35Text" on page 1766

29.1.6.4.3 PlanOwner <PlanOwnr>

Presence: [0..1]

Definition: Type of the Plan Owner.

Datatype: "PlanOwner1Code" on page 1744

CodeName	Name	Definition
ACCP	Acceptor	Plan owner is an acceptor.
ACQR	Acquirer	Plan owner is an acquirer.
ISSR	Issuer	Plan owner is an issuer.
OTHN	OtherNational	plan owner type is other national.
OTHP	OtherPrivate	plan owner type is other private.

29.1.6.4.4 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Indicates the instalment occurrence of the transaction (1 = 1st instalment, 2 = 2nd instalment, etc.).

Datatype: "Number" on page 1762

29.1.6.4.5 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments (for example day, month, year).

Datatype: "Frequency3Code" on page 1731

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.

CodeName	Name	Definition
TEND	TenDays	Event takes place every ten business days.

29.1.6.4.6 InstalmentPeriod <InstlmtPrd>

Presence: [0..1]

Definition: Number of period units between consecutive payments.

Datatype: "Number" on page 1762

29.1.6.4.7 TotalNumberOfPayments <TtlNbOfPmts>

Presence: [0..1]

Definition: Total number of instalment payments.

Datatype: "Number" on page 1762

29.1.6.4.8 FirstPaymentDate <FrstPmtDt>

Presence: [0..1]

Definition: Date of the first payment.

Datatype: "ISODate" on page 1759

29.1.6.4.9 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Cumulative amount of all the instalments.

Impacted by: C1 "ActiveCurrency", C3 "CurrencyAmount"

Datatype: "ActiveCurrencyAndAmount" on page 1701

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.

- **CurrencyAmount**

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

29.1.6.4.10 FirstAmount <FrstAmt>

Presence: [0..1]

Definition: Amount of the first payment.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.4.11 SubsequentAmount <SbsqntAmt>*Presence:* [0..1]*Definition:* Amount of subsequent payments but the first one.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.6.4.12 LastAmount <LastAmt>***Presence:* [0..1]*Definition:* Amount of the last payment.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.6.4.13 Charges <Chrgs>***Presence:* [0..1]*Definition:* Charges related to the transaction.*Datatype:* "ImpliedCurrencyAndAmount" on page 1701**29.1.6.4.14 DetailedCharges <DtldChrgs>***Presence:* [0..*]*Definition:* Contains the charge details of an instalment plan.**DetailedCharges <DtldChrgs>** contains the following elements (see "InstalmentAmountDetails1" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1197
	OtherType <OthrTp>	[0..1]	Text		1197
	SubType <SubTp>	[0..1]	Text		1198
	Amount <Amt>	[0..1]	±		1198
	Percentage <Pctg>	[0..1]	Rate		1198

29.1.6.4.15 InterestRate <IntrstRate>*Presence:* [0..*]*Definition:* Details of the interest rate.**InterestRate <IntrstRate>** contains the following **InterestRateDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1494
	OtherType <OthrTp>	[0..1]	Text		1494
	Period <Prd>	[1..1]	CodeSet		1494
	Rate <Rate>	[1..1]	Rate		1494

29.1.6.4.15.1 Type <Tp>*Presence:* [0..1]*Definition:* Interest rate applicable to the instalment.*Datatype:* "InterestRate1Code" on page 1733

CodeName	Name	Definition
GSRT	GrossRate	Gross interest rate of the instalment
NTRT	NetRate	Net interest rate of the instalment
OTHN	OtherNational	Other interest rate of the instalment
OTHP	OtherPrivate	Other interest rate of the instalment

29.1.6.4.15.2 OtherType <OthrTp>*Presence:* [0..1]*Definition:* Other type of interest applied to the instalment, when Type is OtherNational or OtherPrivate.*Datatype:* "Max35Text" on page 1766**29.1.6.4.15.3 Period <Prd>***Presence:* [1..1]*Definition:* Contains instalment period*Datatype:* "InstalmentPeriod1Code" on page 1733

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

29.1.6.4.15.4 Rate <Rate>*Presence:* [1..1]*Definition:* Rate expressed as a decimal, example, 0.7 is 7/10 and 70%.*Datatype:* "BaseOneRate" on page 1762**29.1.6.4.16 GracePeriod <GracePrd>***Presence:* [0..*]*Definition:* Contains grace period details.**GracePeriod <GracePrd>** contains the following elements (see "GracePeriod1" on page 1201 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		1201
	UnitType <UnitTp>	[1..1]	CodeSet		1201
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1201

29.1.6.4.17 PlanNotice <PlanNtce>*Presence:* [0..*]*Definition:* Notice related to the InstalmentPlan.**PlanNotice <PlanNtce>** contains the following elements (see ["ActionMessage11"](#) on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.6.5 PaymentReceipt6*Definition:* Customer or merchant receipts generated by the POI system.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1495
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1496
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1496
	OutputContent <OutptCntt>	[1..1]	±		1496

29.1.6.5.1 DocumentQualifier <DocQlfr>*Presence:* [1..1]*Definition:* Qualification of the document to print to the Cashier or the Customer.*Datatype:* ["DocumentType7Code"](#) on page 1729

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

29.1.6.5.2 IntegratedPrintFlag <IntgrtdPrtFlg>

Presence: [0..1]

Definition: Flag is the print is integrated to other prints.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 1761](#)):

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

29.1.6.5.3 RequiredSignatureFlag <ReqrdSgntrFlg>

Presence: [0..1]

Definition: Flag to indicate that the cardholder payment receipt requires a signature by the customer.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 1761](#)):

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

29.1.6.5.4 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Document to print.

OutputContent <OutptCntt> contains the following elements (see "ActionMessage11" on page 1553 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.6.6 CardPaymentEnvironment80

Definition: Environment of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1503
	ServiceProvider <SvcPrvdr>	[0..1]	±		1503
	Merchant <Mrchnt>	[0..1]			1504
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505
	POI <POI>	[0..1]			1505
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508
	Card <Card>	[0..1]			1510
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrdhldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513
	MaskedPAN <MskdPAN>	[0..1]	Text		1514

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515
	Check <Chck>	[0..1]			1515
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518
	StoredValueAccount <StordValAcct>	[0..*]			1518
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520
	EntryMode <NtryMd>	[0..1]	CodeSet		1520

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521
	LoyaltyAccount <LtyAcct>	[0..*]	±		1521
	CustomerDevice <CstmrDvc>	[0..1]	±		1522
	Wallet <Wlt>	[0..1]	±		1522
	PaymentToken <PmtTkn>	[0..1]	±		1522
	MerchantToken <MrchntTkn>	[0..1]	±		1523
	Cardholder <Crdhldr>	[0..1]			1523
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530
	Name <Nm>	[0..1]	Text		1530

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BlgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <CrdhldrId>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <DrvrId>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548
	UTMCoordinates <UTMCordints>	[0..1]			1549

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		1550
	SaleEnvironment <SaleEnv>	[0..1]			1551
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSplAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

29.1.6.6.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Acquirer involved in the card payment.

Acquirer <Acqrr> contains the following elements (see "Acquirer10" on page 1193 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1193
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1193

29.1.6.6.2 ServiceProvider <SvcPrvdr>

Presence: [0..1]

Definition: Third party agent which provides services.

ServiceProvider <SvcPrvdr> contains the following elements (see "[Acquirer10](#)" on page 1193 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1193
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1193

29.1.6.6.3 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 **Organisation41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1504
	CommonName <CmonNm>	[0..1]	Text		1504
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1504
	LocationAndContact <LctnAndCtct>	[0..1]	±		1505
	SchemeData <SchmeData>	[0..1]	Text		1505

29.1.6.6.3.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the merchant.

Identification <Id> contains the following elements (see "[GenericIdentification32](#)" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1453
	Type <Tp>	[0..1]	CodeSet		1453
	Issuer <Issr>	[0..1]	CodeSet		1454
	ShortName <ShrtNm>	[0..1]	Text		1454

29.1.6.6.3.2 CommonName <CmonNm>

Presence: [0..1]

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

Datatype: "[Max70Text](#)" on page 1767

29.1.6.6.3.3 LocationCategory <LctnCtgy>

Presence: [0..1]

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

Datatype: "LocationCategory4Code" on page 1735

CodeName	Name	Definition
ABRD	Aboard	Aboard is used when the sale is done in a vehicle (e.g a bus, train, ship, airplane, taxi, etc).
NMDC	Nomadic	Nomadic is used when the merchant is traveling to different locations (e.g fair or sport events, home delivery, food truck).
FIXD	PhysicalShop	Fixed location, for example in a shop.
VIRT	VirtualShop	Virtual Shop is used for any ecommerce solution.

29.1.6.6.3.4 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 1194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1195
	Email <Email>	[0..1]	Text		1195
	URLAddress <URLAdr>	[0..1]	Text		1195
	Phone <Phne>	[0..1]	Text		1196
	CustomerService <CstmrSvc>	[0..1]	Text		1196
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1196

29.1.6.6.3.5 SchemeData <SchmeData>

Presence: [0..1]

Definition: Additional merchant data required by a card scheme.

Datatype: "Max140Text" on page 1764

29.1.6.6.4 POI <POI>

Presence: [0..1]

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

POI <POI> contains the following **PointOfInteraction14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		1506
	SystemName <SysNm>	[0..1]	Text		1506
	GroupIdentification <GrpId>	[0..1]	Text		1507
	Capabilities <Cpblties>	[0..1]	±		1507
	TimeZone <TmZone>	[0..1]	Text		1507
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1507
	Component <Cmpnt>	[0..*]	±		1508

29.1.6.6.4.1 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 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1449

29.1.6.6.4.2 SystemName <SysNm>

Presence: [0..1]

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

Datatype: "[Max70Text](#)" on page 1767

29.1.6.6.4.3 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 1766**29.1.6.6.4.4 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 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		1604
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		1604
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		1605
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1605
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1605
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1605
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		1605
	MessageCapabilities <MsgCpblties>	[0..*]			1606
	Destination <Dstn>	[1..*]	CodeSet		1606
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1606
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1607
	LineWidth <LineWidth>	[0..1]	Quantity		1607
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C4	1607

29.1.6.6.4.5 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 1767**29.1.6.6.4.6 TerminalIntegration <TermnlIntgtn>***Presence:* [0..1]*Definition:* Indicates the type of integration of the POI terminal in the sale environment.*Datatype:* "LocationCategory3Code" on page 1734

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.

29.1.6.6.4.7 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 "PointOfInteractionComponent15" on page 1558 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1560
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		1561
	Identification <Id>	[1..1]			1562
	ItemNumber <ItmNb>	[0..1]	Text		1562
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1562
	Identification <Id>	[0..1]	Text		1562
	SerialNumber <SrlNb>	[0..1]	Text		1562
	Status <Sts>	[0..1]			1562
	VersionNumber <VrsnNb>	[0..1]	Text		1563
	Status <Sts>	[0..1]	CodeSet		1563
	ExpiryDate <XpryDt>	[0..1]	Date		1563
	StandardCompliance <StdCmplc>	[0..*]			1563
	Identification <Id>	[1..1]	Text		1563
	Version <Vrsn>	[1..1]	Text		1564
	Issuer <Issr>	[1..1]	Text		1564
	Characteristics <Chrtcs>	[0..1]			1564
	Memory <Mmry>	[0..*]			1565
	Identification <Id>	[1..1]	Text		1566
	TotalSize <TtlSz>	[1..1]	Quantity		1566
	FreeSize <FreeSz>	[1..1]	Quantity		1566
	Unit <Unit>	[1..1]	CodeSet		1566
	Communication <Com>	[0..*]			1566
	CommunicationType <ComTp>	[1..1]	CodeSet		1567
	RemoteParty <RmotPty>	[1..*]	CodeSet		1568
	Active <Actv>	[1..1]	Indicator		1568
	Parameters <Params>	[0..1]	±		1568
	PhysicalInterface <PhysIntrfc>	[0..1]			1569
	InterfaceName <IntrfcNm>	[1..1]	Text		1569
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1569
	UserName <UsrNm>	[0..1]	Text		1570

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		1570
	SecurityProfile <SctyPrfl>	[0..1]	Text		1570
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1570
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1571
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1571
	SecurityElement <SctyElmt>	[0..*]	±		1571
	Assessment <Assmnt>	[0..*]			1572
	Type <Tp>	[1..1]	CodeSet		1573
	Assigner <Assgnr>	[1..*]	Text		1573
	DeliveryDate <DlvrDt>	[0..1]	DateTime		1573
	ExpirationDate <XprtnDt>	[0..1]	DateTime		1573
	Number <Nb>	[1..1]	Text		1573
	Package <Packg>	[0..*]			1574
	PackageIdentification <PackgId>	[0..1]	±		1574
	PackageLength <PackgLngh>	[0..1]	Quantity		1574
	OffsetStart <OffsetStart>	[0..1]	Quantity		1574
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		1575
	PackageBlock <PackgBlck>	[0..*]			1575
	Identification <Id>	[1..1]	Text		1575
	Value <Val>	[0..1]	Binary		1575
	ProtectedValue <PrctcdVal>	[0..1]	±		1575
	Type <Tp>	[0..1]	Text		1576

29.1.6.6.5 Card <Card>

Presence: [0..1]

Definition: Payment card performing the transaction.

Card <Card> contains the following **PaymentCard35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1511
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1512
	PlainCardData <PlainCardData>	[0..1]			1512
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrdhldrNm>	[0..1]	Text		1513
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1513
	MaskedPAN <MskdPAN>	[0..1]	Text		1514
	IssuerBIN <IssrBIN>	[0..1]	Text		1514
	CardCountryCode <CardCtryCd>	[0..1]	Text		1514
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1514
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1514
	CardBrand <CardBrnd>	[0..1]	Text		1514
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1514
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1515
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1515
	AllowedProduct <AllwdPdct>	[0..*]	Text		1515
	ServiceOption <SvcOptn>	[0..1]	Text		1515
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1515

29.1.6.6.5.1 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 "ContentInformationType40" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1675
	EnvelopedData <EnvlpdData>	[1..1]	±		1676

29.1.6.6.5.2 PrivateCardData <PrvtCardData>

Presence: [0..1]

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

Datatype: "Max100KBinary" on page 1702

29.1.6.6.5.3 PlainCardData <PlainCardData>

Presence: [0..1]

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

PlainCardData <PlainCardData> contains the following **PlainCardData22** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		1512
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1512
	EffectiveDate <FctvDt>	[0..1]	Text		1512
	ExpiryDate <XpryDt>	[0..1]	Text		1513
	ServiceCode <SvcCd>	[0..1]	Text		1513
	Track1 <Trck1>	[0..1]	Text		1513
	Track2 <Trck2>	[0..1]	Text		1513
	Track3 <Trck3>	[0..1]	Text		1513
	CardholderName <CrdhldrNm>	[0..1]	Text		1513

29.1.6.6.5.3.1 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 1769

29.1.6.6.5.3.2 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 1768

29.1.6.6.5.3.3 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 1763

29.1.6.6.5.3.4 ExpiryDate <XpryDt>

Presence: [0..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 1763

29.1.6.6.5.3.5 ServiceCode <SvcCd>

Presence: [0..1]

Definition: Services attached to the card, as defined in ISO 7813.

Datatype: "Exact3NumericText" on page 1763

29.1.6.6.5.3.6 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 1767

29.1.6.6.5.3.7 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 1766

29.1.6.6.5.3.8 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 1763

29.1.6.6.5.3.9 CardholderName <CrdhldrNm>

Presence: [0..1]

Definition: Name of the cardholder stored on the card.

Datatype: "Max45Text" on page 1766

29.1.6.6.5.4 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 1767

29.1.6.6.5.5 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 1765

29.1.6.6.5.6 IssuerBIN <IssrBIN>

Presence: [0..1]

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

Datatype: "Max15NumericText" on page 1764

29.1.6.6.5.7 CardCountryCode <CardCtryCd>

Presence: [0..1]

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

Datatype: "Max3Text" on page 1766

29.1.6.6.5.8 CardCurrencyCode <CardCcyCd>

Presence: [0..1]

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

Datatype: "Exact3AlphaNumericText" on page 1763

29.1.6.6.5.9 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 1766

29.1.6.6.5.10 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1766

29.1.6.6.5.11 CardProductType <CardPdctTp>

Presence: [0..1]

Definition: Type of card product.

Datatype: "CardProductType1Code" on page 1726

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

CodeName	Name	Definition
		expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

29.1.6.6.5.12 CardProductSubType <CardPdctSubTp>

Presence: [0..1]

Definition: Additional information to identify CardProduct.

Datatype: "Max35Text" on page 1766

29.1.6.6.5.13 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 1761):

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

29.1.6.6.5.14 AllowedProduct <AllwdPdct>

Presence: [0..*]

Definition: Product that can be purchased with the card.

Datatype: "Max70Text" on page 1767

29.1.6.6.5.15 ServiceOption <SvcOptn>

Presence: [0..1]

Definition: Options to the service provided by the card.

Datatype: "Max35Text" on page 1766

29.1.6.6.5.16 AdditionalCardData <AddtlCardData>

Presence: [0..1]

Definition: Additional card issuer specific data.

Datatype: "Max70Text" on page 1767

29.1.6.6.6 Check <Chck>

Presence: [0..1]

Definition: Check Payment instrument.

Check <Chck> contains the following **Check1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BankIdentification <Bkld>	[0..1]	Text		1516
	AccountNumber <AcctNb>	[0..1]	Text		1516
	CheckNumber <ChckNb>	[0..1]	Text		1516
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1516
	CheckTrackData2 <ChckTrckData2>	[0..1]			1516
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517
	CheckType <ChckTp>	[0..1]	CodeSet		1517
	Country <Ctry>	[0..1]	Text		1518

29.1.6.6.6.1 BankIdentification <Bkld>

Presence: [0..1]

Definition: Identification of the institution (bank) issuing the check.

Datatype: "Max35Text" on page 1766

29.1.6.6.6.2 AccountNumber <AcctNb>

Presence: [0..1]

Definition: Identification of the account linked to the check.

Datatype: "Max35Text" on page 1766

29.1.6.6.6.3 CheckNumber <ChckNb>

Presence: [0..1]

Definition: Identification of the check.

Datatype: "Max35Text" on page 1766

29.1.6.6.6.4 CheckCardNumber <ChckCardNb>

Presence: [0..1]

Definition: Check guarantee card number.

The human readable number from the Check Guarantee Card that is presented during the check tendering process.

Datatype: "Max35Text" on page 1766

29.1.6.6.6.5 CheckTrackData2 <ChckTrckData2>

Presence: [0..1]

Definition: Track Data of the check to digitally identify the data.

CheckTrackData2 <ChckTrckData2> contains the following **TrackData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TrackNumber <TrckNb>	[0..1]	Quantity		1517
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1517
	TrackValue <TrckVal>	[1..1]	Text		1517

29.1.6.6.5.1 TrackNumber <TrckNb>

Presence: [0..1]

Definition: Track number of the card.

Datatype: "Number" on page 1762

29.1.6.6.5.2 TrackFormat <TrckFrmt>

Presence: [0..1]

Definition: Card or check track format.

Datatype: "TrackFormat1Code" on page 1754

CodeName	Name	Definition
AAMV	AAMVFormat	American driver license.
CMC7	CMC7CheckFormat	Magnetic Ink Character Recognition, using the CMC-7 font - ISO 1004 Line at the bottom of a check containing the bank account and the check number.
E13B	E13BCheckFormat	Magnetic Ink Character Recognition, using the E-13B font) Line at the bottom of a check containing the bank account and the check number.
ISOF	ISOFormat	ISO card track format - ISO 7813 - ISO 4909.
JIS1	JISIFormat	Japanese track format I.
JIS2	JISIIFormat	Japanese track format II.

29.1.6.6.5.3 TrackValue <TrckVal>

Presence: [1..1]

Definition: Card track content or equivalent.

Datatype: "Max140Text" on page 1764

29.1.6.6.6 CheckType <ChckTp>

Presence: [0..1]

Definition: Type of the check (personal or professional).

Datatype: "CheckType1Code" on page 1726

CodeName	Name	Definition
BANK	BankCheck	The check is guaranteed by a bank.

CodeName	Name	Definition
BUSI	BusinessCheck	The check belongs to a Company or a professional entity.
GOVC	GovernmentCheck	Check issued by Government.
PAYR	PayrollCheck	Check issued by a company for the employees.
PERS	PersonalCheck	The check belongs to an individual.

29.1.6.6.7 Country <Ctry>

Presence: [0..1]

Definition: Country of the check.

Datatype: "Max3Text" on page 1766

29.1.6.6.7 StoredValueAccount <StordValAcct>

Presence: [0..*]

Definition: Store value account payment instrument.

StoredValueAccount <StordValAcct> contains the following **StoredValueAccount2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1518
	IdentificationType <IdTp>	[0..1]	CodeSet		1519
	Identification <Id>	[0..1]	Text		1519
	Brand <Brnd>	[0..1]	Text		1520
	Provider <Prvdr>	[0..1]	Text		1520
	OwnerName <OwnrNm>	[0..1]	Text		1520
	ExpiryDate <XpryDt>	[0..1]	Text		1520
	EntryMode <NtryMd>	[0..1]	CodeSet		1520
	Currency <Ccy>	[0..1]	CodeSet	C1	1521
	Balance <Bal>	[0..1]	Amount		1521

29.1.6.6.7.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 1752

CodeName	Name	Definition
BNKA	BankPrepaidAccount	Prepaid account managed by a financial institution for low income customers.
CWVC	CarwashVoucher	Car wash specific account.

CodeName	Name	Definition
CPYA	CompanyPrepaidAccount	Specific prepaid account for companies or professionals expenses.
ELMY	ElectronicMoneyAccount	Account supporting e-money issued by an electronic money issuer.
GIFT	GiftCard	Payment mean issued by retailers or banks as a substitute to a non-monetary gift. Usually, this Stored Value item is used only once.
GCER	GiftCertificate	Certificate to be given to a customer. Usually one shot voucher.
MLVC	MealVoucher	Meal and check voucher for restaurants.
OLVC	OnlineVoucher	Voucher that can be used online once or in several times.
MERC	MerchantAccount	Prepaid account open with a merchant or big retailers.
OTHR	OtherPrepaidAccount	Other non listed stored value instrument.
PHON	PhoneCard	Stored value instrument used to pay telephone services (e.g. card or identifier).
CARD	SmartCardTag	Stored value account hold on the chip of a smart card.
TRVL	Travel	Travel prepaid account.

29.1.6.6.7.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 1723

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

29.1.6.6.7.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 1766

29.1.6.6.7.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 1766

29.1.6.6.7.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 1766

29.1.6.6.7.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 1766

29.1.6.6.7.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 1763

29.1.6.6.7.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 1721

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.

CodeName	Name	Definition
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.)

29.1.6.6.7.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.6.6.7.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.6.8 LoyaltyAccount <LtyAcct>

Presence: [0..*]

Definition: Store value account associated to the payment.

LoyaltyAccount <LtyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on page 1596 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		1596
	EntryMode <NtryMd>	[0..1]	CodeSet		1596
	IdentificationType <IdTp>	[0..1]	CodeSet		1597
	Brand <Brnd>	[0..1]	Text		1597
	Provider <Prvdr>	[0..1]	Text		1598
	OwnerName <OwnrNm>	[0..1]	Text		1598
	Unit <Unit>	[0..1]	CodeSet		1598
	Currency <Ccy>	[0..1]	CodeSet	C1	1598
	Balance <Bal>	[0..1]	Amount		1598

29.1.6.6.9 CustomerDevice <CstmrDvc>

Presence: [0..1]

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

CustomerDevice <CstmrDvc> contains the following elements (see "[CustomerDevice3](#)" on page 1600 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1601
	Type <Tp>	[0..1]	Text		1601
	Provider <Prvdr>	[0..1]	Text		1601

29.1.6.6.10 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 "[CustomerDevice3](#)" on page 1600 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1601
	Type <Tp>	[0..1]	Text		1601
	Provider <Prvdr>	[0..1]	Text		1601

29.1.6.6.11 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Payment token information.

PaymentToken <PmtTkn> contains the following elements (see "Token1" on page 1696 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1696
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1696
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1696
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1696
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1697
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1697

29.1.6.6.12 MerchantToken <MrchntTkn>

Presence: [0..1]

Definition: Merchant token information.

MerchantToken <MrchntTkn> contains the following elements (see "MerchantToken2" on page 1697 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		1697
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1697
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1698
	TokenRequestor <TknRqstr>	[0..1]			1698
	ProviderIdentification <Prvdrlld>	[1..1]	Text		1698
	RequestorIdentification <Rqstrld>	[1..1]	Text		1698
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1698
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1698
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1698
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1699

29.1.6.6.13 Cardholder <Crdhldr>

Presence: [0..1]

Definition: Cardholder involved in the card payment.

Cardholder <Crhdldr> contains the following **Cardholder21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			1527
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530
	Name <Nm>	[0..1]	Text		1530
	Language <Lang>	[0..1]	CodeSet	C4	1530
	BillingAddress <BllgAdr>	[0..1]	±		1531
	ShippingAddress <ShppgAdr>	[0..1]	±		1531
	TripNumber <TripNb>	[0..1]	Text		1532
	Vehicle <Vhcl>	[0..1]	±		1532
	Authentication <Authntcn>	[0..*]			1533
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <Crhdldrld>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <Drvrld>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1544
	Method <Mtd>	[1..1]	CodeSet		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <Rslt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRslt>	[0..1]	Text		1546
	PersonalData <PrsnlData>	[0..1]	Text		1547
	MobileData <MobData>	[0..*]			1547
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549
	SensitiveMobileData <SnstvMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1550

29.1.6.6.13.1 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		1527
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1527
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1528
	DriverIdentification <DrvrId>	[0..1]	Text		1528
	CustomerNumber <CstmrNb>	[0..1]	Text		1528
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1528
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1528
	PassportNumber <PsptNb>	[0..1]	Text		1528
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1528
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1528
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1529
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1529
	JobNumber <JobNb>	[0..1]	Text		1529
	Department <Dept>	[0..1]	Text		1529
	EmailAddress <EmailAdr>	[0..1]	Text		1529
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1529
	BirthDate <BirthDt>	[1..1]	Date		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530
	Other <Othr>	[0..*]	±		1530

29.1.6.6.13.1.1 DriverLicenseNumber <DrvrLicNb>*Presence:* [0..1]*Definition:* Number assigned by a license authority to a driver's license.*Datatype:* "Max35Text" on page 1766**29.1.6.6.13.1.2 DriverLicenseLocation <DrvrLicLctn>***Presence:* [0..1]*Definition:* Country, state or province, issuer of the driver license.

Datatype: "Max35Text" on page 1766

29.1.6.6.13.1.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 1766

29.1.6.6.13.1.4 DriverIdentification <DrvrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.1.5 CustomerNumber <CstmrNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.1.6 SocialSecurityNumber <SciSctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 1766

29.1.6.6.13.1.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.1.8 PassportNumber <PsptNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.1.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.1.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.1.11 EmployerIdentificationNumber <MplyrIdNb>*Presence:* [0..1]*Definition:* Number assigned to an employer by a registration authority.*Datatype:* "Max35Text" on page 1766**29.1.6.6.13.1.12 EmployeeIdentificationNumber <MplyeIdNb>***Presence:* [0..1]*Definition:* Number assigned to an employee by a employer.*Datatype:* "Max35Text" on page 1766**29.1.6.6.13.1.13 JobNumber <JobNb>***Presence:* [0..1]*Definition:* Identification of the job.*Datatype:* "Max35Text" on page 1766**29.1.6.6.13.1.14 Department <Dept>***Presence:* [0..1]*Definition:* Identification of the department.*Datatype:* "Max35Text" on page 1766**29.1.6.6.13.1.15 EmailAddress <EmailAdr>***Presence:* [0..1]*Definition:* Address for electronic mail (e-mail).*Datatype:* "Max256Text" on page 1765**29.1.6.6.13.1.16 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		1529
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1530
	CityOfBirth <CityOfBirth>	[1..1]	Text		1530
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1530

29.1.6.6.13.1.16.1 BirthDate <BirthDt>*Presence:* [1..1]*Definition:* Date on which a person is born.*Datatype:* "ISODate" on page 1759

29.1.6.6.13.1.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]
Definition: Province where a person was born.
Datatype: "Max35Text" on page 1766

29.1.6.6.13.1.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]
Definition: City where a person was born.
Datatype: "Max35Text" on page 1766

29.1.6.6.13.1.16.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]
Definition: Country where a person was born.
Impacted by: C2 "Country"
Datatype: "CountryCode" on page 1727

Constraints

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

29.1.6.6.13.1.17 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 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1453
	IdentificationType <IdTp>	[1..1]	Text		1453

29.1.6.6.13.2 Name <Nm>

Presence: [0..1]
Definition: Cardholder name associated with the card.
Datatype: "Max45Text" on page 1766

29.1.6.6.13.3 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 1734

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.6.13.4 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 1625 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1626
	Department <Dept>	[0..1]	Text		1626
	SubDepartment <SubDept>	[0..1]	Text		1626
	AddressLine <AdrLine>	[0..2]	Text		1626
	StreetName <StrtNm>	[0..1]	Text		1627
	BuildingNumber <BldgNb>	[0..1]	Text		1627
	PostCode <PstCd>	[0..1]	Text		1627
	TownName <TwnNm>	[0..1]	Text		1627
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		1627
	CountryCode <CtryCd>	[0..1]	Text		1627

29.1.6.6.13.5 ShippingAddress <ShppgAdr>

Presence: [0..1]

Definition: Postal address for delivery of goods or services.

ShippingAddress <ShppgAdr> contains the following elements (see "PostalAddress22" on page 1625 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1626
	Department <Dept>	[0..1]	Text		1626
	SubDepartment <SubDept>	[0..1]	Text		1626
	AddressLine <AdrLine>	[0..2]	Text		1626
	StreetName <StrtNm>	[0..1]	Text		1627
	BuildingNumber <BldgNb>	[0..1]	Text		1627
	PostCode <PstCd>	[0..1]	Text		1627
	TownName <TwnNm>	[0..1]	Text		1627
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		1627
	CountryCode <CtryCd>	[0..1]	Text		1627

29.1.6.6.13.6 TripNumber <TripNb>

Presence: [0..1]

Definition: Identification of the trip.

Datatype: "Max35Text" on page 1766

29.1.6.6.13.7 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 1614 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		1615
	TrailerNumber <TrlrNb>	[0..1]	Text		1615
	VehicleTag <VhclTag>	[0..1]	Text		1616
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		1616
	UnitNumber <UnitNb>	[0..1]	Text		1616
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		1616
	Odometer <Odmtr>	[0..1]	Quantity		1616
	Hubometer <Hbmtr>	[0..1]	Quantity		1617
	TrailerHours <TrlrHrs>	[0..1]	Text		1617
	ReferHours <RefrHrs>	[0..1]	Text		1617
	Maintenanceldentification <Mntncld>	[0..1]	Text		1617
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			1617
	PAN <PAN>	[0..1]	Text		1617
	Track1 <Trck1>	[0..1]	Text		1618
	Track2 <Trck2>	[0..1]	Text		1618
	Track3 <Trck3>	[0..1]	Text		1618
	AdditionalCardData <AddtlCardData>	[0..*]	Text		1618
	EntryMode <NtryMd>	[0..1]	CodeSet		1618
	AdditionalVehicleData <AddtlVhclData>	[0..*]			1619
	Type <Tp>	[0..1]	Text		1619
	EntryMode <NtryMd>	[0..1]	CodeSet		1619
	Data <Data>	[1..1]	Text		1620

29.1.6.6.13.8 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 **CardholderAuthentication17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1535
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1536
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1537
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1537
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1537
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538
	CardholderIdentification <CrhdldrId>	[0..1]			1538
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <DrvrId>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542
	AddressVerification <AdrVrfctn>	[0..1]			1542

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1543
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1543
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1543
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1543
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544

29.1.6.6.13.8.1 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 1717

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.

29.1.6.6.13.8.2 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 1729

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.

29.1.6.6.13.8.3 AuthenticationValue <AuthntcnVal>

Presence: [0..1]

Definition: Value used to authenticate the cardholder.

Datatype: "Max5000Binary" on page 1703

29.1.6.6.13.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

Presence: [0..1]

Definition: Protection of the authentication value.

ProtectedAuthenticationValue <PrctcdAuthntcnVal> contains the following elements (see "ContentInformationType40" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1675
	EnvelopedData <EnvlpdData>	[1..1]	±		1676

29.1.6.6.13.8.5 CardholderOnLinePIN <CrhdldrOnLinePIN>

Presence: [0..1]

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

CardholderOnLinePIN <CrhdldrOnLinePIN> contains the following **OnLinePIN11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1537
	PINFormat <PINFrmt>	[1..1]	CodeSet		1538
	AdditionalInput <AddtlInpt>	[0..1]	Text		1538

29.1.6.6.13.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

Presence: [1..1]

Definition: Encrypted PIN (Personal Identification Number).

EncryptedPINBlock <NcrptdPINBlck> contains the following elements (see "ContentInformationType40" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1675
	EnvelopedData <EnvlpdData>	[1..1]	±		1676

29.1.6.6.13.8.5.2 PINFormat <PINFrmt>

Presence: [1..1]

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

Datatype: "PINFormat3Code" on page 1743

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.

29.1.6.6.13.8.5.3 AdditionalInput <AddtlInpt>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6 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
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1539
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1539
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1539
	DriverIdentification <DrvrId>	[0..1]	Text		1540
	CustomerNumber <CstmrNb>	[0..1]	Text		1540
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		1540
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1540
	PassportNumber <PsptNb>	[0..1]	Text		1540
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1540
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1540
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1540
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1541
	JobNumber <JobNb>	[0..1]	Text		1541
	Department <Dept>	[0..1]	Text		1541
	EmailAddress <EmailAdr>	[0..1]	Text		1541
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1541
	BirthDate <BirthDt>	[1..1]	Date		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542
	Other <Othr>	[0..*]	±		1542

29.1.6.6.13.8.6.1 DriverLicenseNumber <DrvrLicNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6.2 DriverLicenseLocation <DrvrLicLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6.4 DriverIdentification <DrvrlId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6.5 CustomerNumber <CstmrNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6.6 SocialSecurityNumber <ScISctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6.8 PassportNumber <PsptNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6.11 EmployerIdentificationNumber <MplyrIdNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>*Presence:* [0..1]*Definition:* Number assigned to an employee by a employer.*Datatype:* "Max35Text" on page 1766**29.1.6.6.13.8.6.13 JobNumber <JobNb>***Presence:* [0..1]*Definition:* Identification of the job.*Datatype:* "Max35Text" on page 1766**29.1.6.6.13.8.6.14 Department <Dept>***Presence:* [0..1]*Definition:* Identification of the department.*Datatype:* "Max35Text" on page 1766**29.1.6.6.13.8.6.15 EmailAddress <EmailAdr>***Presence:* [0..1]*Definition:* Address for electronic mail (e-mail).*Datatype:* "Max256Text" on page 1765**29.1.6.6.13.8.6.16 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		1541
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1541
	CityOfBirth <CityOfBirth>	[1..1]	Text		1542
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1542

29.1.6.6.13.8.6.16.1 BirthDate <BirthDt>*Presence:* [1..1]*Definition:* Date on which a person is born.*Datatype:* "ISODate" on page 1759**29.1.6.6.13.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>***Presence:* [0..1]*Definition:* Province where a person was born.*Datatype:* "Max35Text" on page 1766

29.1.6.6.13.8.6.16.3 CityOfBirth <CityOfBirth>*Presence:* [1..1]*Definition:* City where a person was born.*Datatype:* "Max35Text" on page 1766**29.1.6.6.13.8.6.16.4 CountryOfBirth <CtryOfBirth>***Presence:* [1..1]*Definition:* Country where a person was born.*Impacted by:* C2 "Country"*Datatype:* "CountryCode" on page 1727**Constraints**

- **Country**

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

29.1.6.6.13.8.6.17 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 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1453
	IdentificationType <IdTp>	[1..1]	Text		1453

29.1.6.6.13.8.7 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		1542
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1543

29.1.6.6.13.8.7.1 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 1767

29.1.6.6.13.8.7.2 PostalCodeDigits <PstlCdDgts>*Presence:* [0..1]*Definition:* Numeric characters from the cardholder's postal code.*Datatype:* "Max5NumericText" on page 1767**29.1.6.6.13.8.8 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 1766**29.1.6.6.13.8.9 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 1766**29.1.6.6.13.8.10 AuthenticationResult <AuthntcnRslt>***Presence:* [0..1]*Definition:* Result of authentication.*Datatype:* "AuthenticationResult1Code" on page 1718

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.

29.1.6.6.13.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>*Presence:* [0..1]*Definition:* Additional information related to the result of the authentication.

AuthenticationAdditionalInformation <AuthntcnAddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1544
	Value <Val>	[0..1]	Binary		1544
	ProtectedValue <PrctcdVal>	[0..1]	±		1544
	Type <Tp>	[0..1]	Text		1544

29.1.6.6.13.8.11.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

29.1.6.6.13.8.11.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

29.1.6.6.13.8.11.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

29.1.6.6.13.8.11.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1763

29.1.6.6.13.9 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		1545
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1546
	Result <RsIt>	[0..1]	CodeSet		1546
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1546

29.1.6.6.13.9.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1716

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.

29.1.6.6.13.9.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1716

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.

29.1.6.6.13.9.3 Result <RsIt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1759

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.

29.1.6.6.13.9.4 AdditionalResult <AddtlRsIt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1767

29.1.6.6.13.10 PersonalData <PrsnlData>*Presence:* [0..1]*Definition:* Identifies personal data related to the cardholder.*Datatype:* "Max70Text" on page 1767**29.1.6.6.13.11 MobileData <MobData>***Presence:* [0..*]*Definition:* Data related to the mobile of stakeholder.**MobileData <MobData>** contains the following **MobileData6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1547
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1547
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1548
	Geolocation <Glctn>	[0..1]			1548
	GeographicCoordinates <GeogcCordints>	[0..1]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1549
	SensitiveMobileData <SnstivMobData>	[0..1]			1549
	MSISDN <MSISDN>	[1..1]	Text		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1550

29.1.6.6.13.11.1 MobileCountryCode <MobCtryCd>*Presence:* [0..1]*Definition:* Identifies the country of a mobile phone operator.*Datatype:* "Min2Max3AlphaText" on page 1768**29.1.6.6.13.11.2 MobileNetworkCode <MobNtwkCd>***Presence:* [0..1]*Definition:* Identifies the mobile phone operator inside a country.*Datatype:* "Min2Max3NumericText" on page 1768

29.1.6.6.13.11.3 MobileMaskedMSISDN <MobMskdMSISDN>*Presence:* [0..1]*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.*Datatype:* "Max35Text" on page 1766**29.1.6.6.13.11.4 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]			1548
	Latitude <Lat>	[1..1]	Text		1548
	Longitude <Long>	[1..1]	Text		1548
	UTMCoordinates <UTMCordints>	[0..1]			1549
	UTMZone <UTMZone>	[1..1]	Text		1549
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1549

29.1.6.6.13.11.4.1 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		1548
	Longitude <Long>	[1..1]	Text		1548

29.1.6.6.13.11.4.1.1 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 1766**29.1.6.6.13.11.4.1.2 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 1766

29.1.6.6.13.11.4.2 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		1549
	UTMEastward <UTMEstwr>	[1..1]	Text		1549
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1549

29.1.6.6.13.11.4.2.1 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 1766

29.1.6.6.13.11.4.2.2 UTMEastward <UTMEstwr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.11.4.2.3 UTMNorthward <UTMNrthwr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1766

29.1.6.6.13.11.5 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		1550
	IMSI <IMSI>	[0..1]	Text		1550
	IMEI <IMEI>	[0..1]	Text		1550

29.1.6.6.13.11.5.1 MSISDN <MSISDN>

Presence: [1..1]

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

Datatype: "Max35NumericText" on page 1766

29.1.6.6.13.11.5.2 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 1766

29.1.6.6.13.11.5.3 IMEI <IMEI>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1766

29.1.6.6.13.11.6 ProtectedMobileData <PrtctdMobData>

Presence: [0..1]

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

ProtectedMobileData <PrtctdMobData> contains the following elements (see "ContentInformationType40" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1675
	EnvelopedData <EnvlpdData>	[1..1]	±		1676

29.1.6.6.14 ProtectedCardholderData <PrtctdCrhldrData>

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 "ContentInformationType40" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1675
	EnvelopedData <EnvlpdData>	[1..1]	±		1676

29.1.6.6.15 SaleEnvironment <SaleEnv>

Presence: [0..1]

Definition: Sale Retailer Environment for this message.

SaleEnvironment <SaleEnv> contains the following **RetailerSaleEnvironment2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1551
	Currency <Ccy>	[0..1]	CodeSet	C1	1552
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1552
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1552
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1553
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1553
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1553

29.1.6.6.15.1 SaleCapabilities <SaleCpblties>

Presence: [0..*]

Definition: Capabilities of the Sale system.

Datatype: "SaleCapabilities1Code" on page 1751

CodeName	Name	Definition
CHDI	CashierDisplay	Standard Cashier display interface (to ask question, or to show information).
CHER	CashierError	To display to the Cashier information related to an error situation occurring on the POI.
CHIN	CashierInput	Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element). The output device attached to this input device is the CashierDisplay device.
CHST	CashierStatus	To display to the Cashier a new state on which the POI is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.

CodeName	Name	Definition
CUDI	CustomerDisplay	Standard Customer display interface used by the POI System to ask question, or to show information to the Customer inside a Service dialogue.
CUAS	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.
CUER	CustomerError	To display to the Customer information is related to an error situation occurring on the Sale Terminal during a Sale transaction.
CUIN	CustomerInput	Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element).
POIR	POIReplication	Information displayed on the Cardholder POI interface, replicated on the Cashier interface.
PRDC	PrinterDocument	When the POI System wants to print specific document (check, dynamic currency conversion ...).
PRRP	PrinterReceipt	Printer for the Payment receipt.
PRVC	PrinterVoucher	Coupons, voucher or special ticket generated by the POI and to be printed.

29.1.6.6.15.2 Currency <Ccy>

Presence: [0..1]

Definition: Default currency associated with the sale system.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.6.6.15.3 MinimumAmountToDeliver <MinAmtToDlvr>

Presence: [0..1]

Definition: Minimum amount the Sale System is allowed to deliver for this payment.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.6.15.4 MaximumCashBackAmount <MaxCshBckAmt>

Presence: [0..1]

Definition: Maximum amount which could be requested for cash-back.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.6.15.5 MinimumSplitAmount <MinSpltAmt>

Presence: [0..1]

Definition: Minimum amount to split a sale transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.6.15.6 DebitPreferredFlag <DbtPrefrdFlg>

Presence: [0..1]

Definition: Flag if preferred type of payment is a debit transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1761):

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

29.1.6.6.15.7 LoyaltyHandling <LltyHdlg>

Presence: [0..1]

Definition: Way of Loyalty handling.

Datatype: "LoyaltyHandling1Code" on page 1735

CodeName	Name	Definition
ALLO	Allowed	The loyalty is accepted, but the POI has not to require or ask a loyalty card. The loyalty is involved by the payment card (e.g. an hybrid or linked card).
DENY	Forbidden	No loyalty card to read and loyalty transaction to process. Any attempt to enter a pure loyalty card is rejected.
PRCS	Processed	The loyalty transaction is already processed, no loyalty card or loyalty transaction to process.
PROP	Proposed	The loyalty is accepted, and the POI has to ask a loyalty card. If the Customer does not enter a loyalty card, no loyalty transaction is realised.
REQU	Required	The loyalty is required, and the POI refuses the processing of the message request if the cardholder does not enter a loyalty card.

29.1.6.7 ActionMessage11

Definition: Information to display, print or store.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1554
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1554
	Format <Frmt>	[0..1]	CodeSet		1555
	MessageContent <MsgCntt>	[0..1]	Text		1556
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1556
	OutputBarcode <OutptBrcd>	[0..1]			1556
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1558
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1558

29.1.6.7.1 MessageDestination <MsgDstn>

Presence: [1..1]

Definition: Destination of the message.

Datatype: "UserInterface4Code" on page 1758

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.

29.1.6.7.2 InformationQualifier <InfQlfr>

Presence: [0..1]

Definition: Qualification of the information to sent to an output logical device.

Datatype: "InformationQualify1Code" on page 1731

CodeName	Name	Definition
CUSA	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.

CodeName	Name	Definition
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.

29.1.6.7.3 Format <Frmt>

Presence: [0..1]

Definition: Message format.

Datatype: "OutputFormat3Code" on page 1741

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.

29.1.6.7.4 MessageContent <MsgCntt>*Presence:* [0..1]*Definition:* Content or reference of the message.*Datatype:* "Max20000Text" on page 1765**29.1.6.7.5 MessageContentSignature <MsgCnttSgntr>***Presence:* [0..1]*Definition:* Digital signature of the message.**MessageContentSignature <MsgCnttSgntr>** contains the following elements (see "ContentInformationType38" on page 1683 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1683
	AuthenticatedData <AuthntcdData>	[0..1]	±		1683
	SignedData <SgndData>	[0..1]	±		1684

29.1.6.7.6 OutputBarcode <OutptBrcd>*Presence:* [0..1]*Definition:* Content of message displayed or printed as Barcode.**OutputBarcode <OutptBrcd>** contains the following **OutputBarcode2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1556
	BarcodeValue <BrcdVal>	[0..1]	Text		1557
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1557
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1557
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1557
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1557

29.1.6.7.6.1 BarcodeType <BrcdTp>*Presence:* [1..1]*Definition:* Type of Barcode coding.*Datatype:* "BarcodeType1Code" on page 1718

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.

CodeName	Name	Definition
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.

29.1.6.7.6.2 BarcodeValue <BrCdVal>*Presence:* [0..1]*Definition:* Value with a Barcode coding.*Datatype:* "Max8000Text" on page 1768**29.1.6.7.6.3 QRCodeBinaryValue <QRcdBinryVal>***Presence:* [0..1]*Definition:* Use for binary and Kanji Quick Response Code.*Datatype:* "Max3000Binary" on page 1703**29.1.6.7.6.4 QRCodeVersion <QRcdVrsn>***Presence:* [0..1]*Definition:* Version of the Quick Response Code.*Datatype:* "Max16Text" on page 1764**29.1.6.7.6.5 QRCodeEncodingMode <QRcdNcodgMd>***Presence:* [0..1]*Definition:* Encoding Mode of Quick Response Code.*Datatype:* "QRCodeEncodingMode1Code" on page 1747

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.

29.1.6.7.6.6 QRCodeErrorCorrection <QRcdErrCrrctn>*Presence:* [0..1]

Definition: Error Correction mode of Quick Response Code.

Datatype: "QRCodeErrorCorrection1Code" on page 1747

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%

29.1.6.7.7 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 1761):

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

29.1.6.7.8 MinimumDisplayTime <MinDispTm>

Presence: [0..1]

Definition: Number of seconds the message has to be displayed.

Datatype: "Number" on page 1762

29.1.6.8 PointOfInteractionComponent15

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		1560
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		1561
	Identification <Id>	[1..1]			1562
	ItemNumber <ItmNb>	[0..1]	Text		1562
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1562
	Identification <Id>	[0..1]	Text		1562
	SerialNumber <SrlNb>	[0..1]	Text		1562
	Status <Sts>	[0..1]			1562
	VersionNumber <VrsnNb>	[0..1]	Text		1563
	Status <Sts>	[0..1]	CodeSet		1563
	ExpiryDate <XpryDt>	[0..1]	Date		1563
	StandardCompliance <StdCmplc>	[0..*]			1563
	Identification <Id>	[1..1]	Text		1563
	Version <Vrsn>	[1..1]	Text		1564
	Issuer <Issr>	[1..1]	Text		1564
	Characteristics <Chrtcs>	[0..1]			1564
	Memory <Mmry>	[0..*]			1565
	Identification <Id>	[1..1]	Text		1566
	TotalSize <TtlSz>	[1..1]	Quantity		1566
	FreeSize <FreeSz>	[1..1]	Quantity		1566
	Unit <Unit>	[1..1]	CodeSet		1566
	Communication <Com>	[0..*]			1566
	CommunicationType <ComTp>	[1..1]	CodeSet		1567
	RemoteParty <RmotPty>	[1..*]	CodeSet		1568
	Active <Actv>	[1..1]	Indicator		1568
	Parameters <Params>	[0..1]	±		1568
	PhysicalInterface <PhysIntrfc>	[0..1]			1569
	InterfaceName <IntrfcNm>	[1..1]	Text		1569
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1569
	UserName <UsrNm>	[0..1]	Text		1570
	AccessCode <AccsCd>	[0..1]	Binary		1570

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityProfile <SctyPrfl>	[0..1]	Text		1570
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1570
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1571
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1571
	SecurityElement <SctyElmt>	[0..*]	±		1571
	Assessment <Assmnt>	[0..*]			1572
	Type <Tp>	[1..1]	CodeSet		1573
	Assigner <Assgnr>	[1..*]	Text		1573
	DeliveryDate <DlvryDt>	[0..1]	DateTime		1573
	ExpirationDate <XprtnDt>	[0..1]	DateTime		1573
	Number <Nb>	[1..1]	Text		1573
	Package <Packg>	[0..*]			1574
	PackageIdentification <PackgId>	[0..1]	±		1574
	PackageLength <PackgLngh>	[0..1]	Quantity		1574
	OffsetStart <OffsetStart>	[0..1]	Quantity		1574
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		1575
	PackageBlock <PackgBlck>	[0..*]			1575
	Identification <Id>	[1..1]	Text		1575
	Value <Val>	[0..1]	Binary		1575
	ProtectedValue <PrctcdVal>	[0..1]	±		1575
	Type <Tp>	[0..1]	Text		1576

29.1.6.8.1 Type <Tp>

Presence: [1..1]

Definition: Type of component belonging to a POI (Point Of Interaction) Terminal.

Datatype: "POIComponentType6Code" on page 1745

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.

29.1.6.8.2 SubTypeInformation <SubTpInf>

Presence: [0..1]

Definition: Additional information regarding the type of the component.

Datatype: "Max70Text" on page 1767

29.1.6.8.3 Identification <Id>*Presence:* [1..1]*Definition:* Identification of the POI (Point Of Interaction) component.**Identification <Id>** contains the following **PointOfInteractionComponentIdentification2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemNumber <ItmNb>	[0..1]	Text		1562
	ProviderIdentification <PrvdrId>	[0..1]	Text		1562
	Identification <Id>	[0..1]	Text		1562
	SerialNumber <SrlNb>	[0..1]	Text		1562

29.1.6.8.3.1 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 1766**29.1.6.8.3.2 ProviderIdentification <PrvdrId>***Presence:* [0..1]*Definition:* Identifies the provider of the software, hardware or parameters of the POI component.*Datatype:* "Max35Text" on page 1766**29.1.6.8.3.3 Identification <Id>***Presence:* [0..1]*Definition:* Identification of the POI component assigned by its provider.*Datatype:* "Max256Text" on page 1765**29.1.6.8.3.4 SerialNumber <SrlNb>***Presence:* [0..1]*Definition:* Serial number identifying an occurrence of an hardware component.*Datatype:* "Max256Text" on page 1765**29.1.6.8.4 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		1563
	Status <Sts>	[0..1]	CodeSet		1563
	ExpiryDate <XpryDt>	[0..1]	Date		1563

29.1.6.8.4.1 VersionNumber <VrsnNb>

Presence: [0..1]

Definition: Current version of the component that might include the release number.

Datatype: "Max256Text" on page 1765

29.1.6.8.4.2 Status <Sts>

Presence: [0..1]

Definition: Current status of the component.

Datatype: "POIComponentStatus1Code" on page 1745

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.

29.1.6.8.4.3 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiration date of the component.

Datatype: "ISODate" on page 1759

29.1.6.8.5 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		1563
	Version <Vrsn>	[1..1]	Text		1564
	Issuer <Issr>	[1..1]	Text		1564

29.1.6.8.5.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 1766

29.1.6.8.5.2 Version <Vrsn>

Presence: [1..1]

Definition: Version of the identification.

Datatype: "Max35Text" on page 1766

29.1.6.8.5.3 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 1766

29.1.6.8.6 Characteristics <Chrtcs>

Presence: [0..1]

Definition: Characteristics of a POI (Point Of Interaction) component.

Characteristics <Chrtcs> contains the following **PointOfInteractionComponentCharacteristics10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Memory <Mmry>	[0..*]			1565
	Identification <Id>	[1..1]	Text		1566
	TotalSize <TtlSz>	[1..1]	Quantity		1566
	FreeSize <FreeSz>	[1..1]	Quantity		1566
	Unit <Unit>	[1..1]	CodeSet		1566
	Communication <Com>	[0..*]			1566
	CommunicationType <ComTp>	[1..1]	CodeSet		1567
	RemoteParty <RmotPty>	[1..*]	CodeSet		1568
	Active <Actv>	[1..1]	Indicator		1568
	Parameters <Params>	[0..1]	±		1568
	PhysicalInterface <PhysIntrfc>	[0..1]			1569
	InterfaceName <IntrfcNm>	[1..1]	Text		1569
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1569
	UserName <UsrNm>	[0..1]	Text		1570
	AccessCode <AccsCd>	[0..1]	Binary		1570
	SecurityProfile <SctyPrfl>	[0..1]	Text		1570
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1570
	SecurityAccessModules <SctyAccsMdls>	[0..1]	Quantity		1571
	SubscriberIdentityModules <SbcbrldntyMdls>	[0..1]	Quantity		1571
	SecurityElement <SctyElmt>	[0..*]	±		1571

29.1.6.8.6.1 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		1566
	TotalSize <TtlSz>	[1..1]	Quantity		1566
	FreeSize <FreeSz>	[1..1]	Quantity		1566
	Unit <Unit>	[1..1]	CodeSet		1566

29.1.6.8.6.1.1 Identification <Id>

Presence: [1..1]
Definition: Identification or name of the memory.
Datatype: "Max35Text" on page 1766

29.1.6.8.6.1.2 TotalSize <TtISz>

Presence: [1..1]
Definition: Total size of the memory unit.
Datatype: "DecimalNumber" on page 1761

29.1.6.8.6.1.3 FreeSize <FreeSz>

Presence: [1..1]
Definition: Total size of the available memory.
Datatype: "DecimalNumber" on page 1761

29.1.6.8.6.1.4 Unit <Unit>

Presence: [1..1]
Definition: Memory unit of the sizes.
Datatype: "MemoryUnit1Code" on page 1736

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.

29.1.6.8.6.2 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		1567
	RemoteParty <RmotPty>	[1..*]	CodeSet		1568
	Active <Actv>	[1..1]	Indicator		1568
	Parameters <Params>	[0..1]	±		1568
	PhysicalInterface <PhysIntrfc>	[0..1]			1569
	InterfaceName <IntrfcNm>	[1..1]	Text		1569
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1569
	UserName <UsrNm>	[0..1]	Text		1570
	AccessCode <AccsCd>	[0..1]	Binary		1570
	SecurityProfile <SctyPrfl>	[0..1]	Text		1570
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1570

29.1.6.8.6.2.1 CommunicationType <ComTp>

Presence: [1..1]

Definition: Type of low level communication.

Datatype: "POICommunicationType2Code" on page 1744

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.

29.1.6.8.6.2.2 RemoteParty <RmotPty>

Presence: [1..*]

Definition: Entity that communicate with the current component, using this communication device.

Datatype: "PartyType7Code" on page 1743

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.

29.1.6.8.6.2.3 Active <Actv>

Presence: [1..1]

Definition: Communication hardware is activated.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1761):

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

29.1.6.8.6.2.4 Parameters <Params>

Presence: [0..1]

Definition: Network parameters of the communication link.

Parameters <Params> contains the following elements (see "[NetworkParameters7](#)" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1622
	NetworkType <NtwkTp>	[1..1]	CodeSet		1622
	AddressValue <AdrVal>	[1..1]	Text		1622
	UserName <UsrNm>	[0..1]	Text		1623
	AccessCode <AccsCd>	[0..1]	Binary		1623
	ServerCertificate <SvrCert>	[0..*]	Binary		1623
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1623
	ClientCertificate <CIntCert>	[0..*]	Binary		1623
	SecurityProfile <SctyPrfl>	[0..1]	Text		1623

29.1.6.8.6.2.5 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		1569
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1569
	UserName <UsrNm>	[0..1]	Text		1570
	AccessCode <AccsCd>	[0..1]	Binary		1570
	SecurityProfile <SctyPrfl>	[0..1]	Text		1570
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1570

29.1.6.8.6.2.5.1 InterfaceName <IntrfcNm>

Presence: [1..1]

Definition: Identification of the interface.

Datatype: "[Max35Text](#)" on page 1766

29.1.6.8.6.2.5.2 InterfaceType <IntrfcTp>

Presence: [0..1]

Definition: Identification of the physical link layer.

Datatype: "[POICommunicationType2Code](#)" on page 1744

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.

29.1.6.8.6.2.5.3 UserName <UsrNm>

Presence: [0..1]

Definition: Optional user name to provide to use this interface.

Datatype: "Max35Text" on page 1766

29.1.6.8.6.2.5.4 AccessCode <AccsCd>

Presence: [0..1]

Definition: Optional access code to provide to use this interface.

Datatype: "Max35Binary" on page 1703

29.1.6.8.6.2.5.5 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the optional security profile to use with this interface.

Datatype: "Max35Text" on page 1766

29.1.6.8.6.2.5.6 AdditionalParameters <AddtlParams>

Presence: [0..1]

Definition: Any other parameters relevant for this interface.

Datatype: "Max2KBinary" on page 1703

29.1.6.8.6.3 SecurityAccessModules <SctyAccsMdls>

Presence: [0..1]

Definition: Number of security access modules (SAM).

Datatype: "Number" on page 1762

29.1.6.8.6.4 SubscriberIdentityModules <SbcbriDntyMdls>

Presence: [0..1]

Definition: Number of subscriber identity modules (SIM).

Datatype: "Number" on page 1762

29.1.6.8.6.5 SecurityElement <SctyElmt>

Presence: [0..*]

Definition: Security characteristics of the component.

SecurityElement <SctyElmt> contains the following elements (see "[CryptographicKey18](#)" on page 1687 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1688
	AdditionalIdentification <AddtlId>	[0..1]	Binary		1688
	Name <Nm>	[0..1]	Text		1689
	SecurityProfile <SctyPrfl>	[0..1]	Text		1689
	ItemNumber <ItmNb>	[0..1]	Text		1689
	Version <Vrsn>	[1..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	Function <Fctn>	[0..*]	CodeSet		1690
	ActivationDate <ActvtnDt>	[0..1]	DateTime		1690
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		1691
	KeyValue <KeyVal>	[0..1]	±		1691
	ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>	[0..*]			1691
	Identification <Id>	[1..1]	Text		1691
	Type <Tp>	[1..1]	CodeSet		1691
	ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>	[0..*]	±		1692
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		1692
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			1692
	Name <Nm>	[1..1]	Text		1692
	Value <Val>	[0..1]	Text		1693

29.1.6.8.7 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		1573
	Assigner <Assgnr>	[1..*]	Text		1573
	DeliveryDate <DlvryDt>	[0..1]	DateTime		1573
	ExpirationDate <XprtnDt>	[0..1]	DateTime		1573
	Number <Nb>	[1..1]	Text		1573

29.1.6.8.7.1 Type <Tp>

Presence: [1..1]

Definition: Type of assessment of the component.

Datatype: "POIComponentAssessment1Code" on page 1745

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.

29.1.6.8.7.2 Assigner <Assgnr>

Presence: [1..*]

Definition: Body which has delivered the assessment.

Datatype: "Max35Text" on page 1766

29.1.6.8.7.3 DeliveryDate <DlvryDt>

Presence: [0..1]

Definition: Date when the assessment has been delivered.

Datatype: "ISODateTime" on page 1759

29.1.6.8.7.4 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Date when the assessment will expire.

Datatype: "ISODateTime" on page 1759

29.1.6.8.7.5 Number <Nb>

Presence: [1..1]

Definition: Unique assessment number for the component.

Datatype: "Max35Text" on page 1766

29.1.6.8.8 Package <Packg>*Presence:* [0..*]*Definition:* Chunk of a software package.**Package <Packg>** contains the following **PackageType5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PackageIdentification <PackgId>	[0..1]	±		1574
	PackageLength <PackgLngh>	[0..1]	Quantity		1574
	OffsetStart <OffsetStart>	[0..1]	Quantity		1574
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		1575
	PackageBlock <PackgBlck>	[0..*]			1575
	Identification <Id>	[1..1]	Text		1575
	Value <Val>	[0..1]	Binary		1575
	ProtectedValue <PrctcdVal>	[0..1]	±		1575
	Type <Tp>	[0..1]	Text		1576

29.1.6.8.8.1 PackageIdentification <PackgId>*Presence:* [0..1]*Definition:* Identification of the software packages of which the chunk belongs.**PackageIdentification <PackgId>** contains the following elements (see "[GenericIdentification176](#)" on page 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1449
	Type <Tp>	[0..1]	CodeSet		1449
	Issuer <Issr>	[0..1]	CodeSet		1450
	Country <Ctry>	[0..1]	Text		1450
	ShortName <ShrtNm>	[0..1]	Text		1450

29.1.6.8.8.2 PackageLength <PackgLngh>*Presence:* [0..1]*Definition:* Full length of software package identified through PackageIdentification.*Datatype:* "[PositiveNumber](#)" on page 1762**29.1.6.8.8.3 OffsetStart <OffsetStart>***Presence:* [0..1]*Definition:* Place of the first following PackageBlock, beginning with 0, in the full software package identified through PackageIdentification.

Datatype: "PositiveNumber" on page 1762

29.1.6.8.8.4 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 1762

29.1.6.8.8.5 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 **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1575
	Value <Val>	[0..1]	Binary		1575
	ProtectedValue <PrctcdVal>	[0..1]	±		1575
	Type <Tp>	[0..1]	Text		1576

29.1.6.8.8.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1763

29.1.6.8.8.5.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1702

29.1.6.8.8.5.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstddData>	[0..1]	±		1682

29.1.6.8.8.5.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1763

29.1.6.9 CardPaymentContext30

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrlId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1588
	DebtorIdentification <DbtrId>	[0..1]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandatImage <MndtImg>	[0..1]	Binary		1596

29.1.6.9.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C4	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583

29.1.6.9.1.1 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 1761](#)):

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

29.1.6.9.1.2 CardholderPresent <CrhdldrPres>

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 1761](#)):

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

29.1.6.9.1.3 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 1761):

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

29.1.6.9.1.4 AttendanceContext <AttndncCntxt>*Presence:* [0..1]*Definition:* Human attendance at the POI (Point Of Interaction) location during the transaction.*Datatype:* "AttendanceContext1Code" on page 1715

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.

29.1.6.9.1.5 TransactionEnvironment <TxEnv>*Presence:* [0..1]*Definition:* Indicates the environment of the transaction.*Datatype:* "TransactionEnvironment1Code" on page 1755

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

29.1.6.9.1.6 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 1755

CodeName	Name	Definition
MAIL	MailOrder	Mail order.
TLPH	TelephoneOrder	Telephone order.
ECOM	ElectronicCommerce	Electronic commerce.
TVPY	TelevisionPayment	Payment on television.

CodeName	Name	Definition
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.

29.1.6.9.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 1719

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

29.1.6.9.1.8 AttendantMessageCapable <AtndntMsgCpbl>

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 1761):

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

29.1.6.9.1.9 AttendantLanguage <AtndntLang>

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: C4 "ValidationByTable"

Datatype: "LanguageCode" on page 1734

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.9.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 1721

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.)

29.1.6.9.1.11 FallbackIndicator <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 1722

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.

29.1.6.9.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 1753

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).
INSI	IssuerInstalment	The sender support IssuerInstalment proposals to the Cardholder.
PINQ	PINRequest	The sender is able to support Single Tap transaction.

29.1.6.9.2 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		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C4	1585
	ShiftNumber <ShiftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586
	SplitPayment <Spltpmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588

29.1.6.9.2.1 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 1766

29.1.6.9.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 1766

29.1.6.9.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 1766

29.1.6.9.2.4 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 1766

29.1.6.9.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C4 "ValidationByTable"

Datatype: "LanguageCode" on page 1734

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.9.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 1765

29.1.6.9.2.7 CustomerOrderRequestFlag <CstmrOrdRReqFlg>

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 1761):

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

29.1.6.9.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 1766

29.1.6.9.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 1766

29.1.6.9.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 1766

29.1.6.9.2.11 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		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1586

29.1.6.9.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 1767

29.1.6.9.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 1764

29.1.6.9.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 1733

29.1.6.9.2.11.4 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 1769

29.1.6.9.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 1766

29.1.6.9.2.12 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 1761):

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

29.1.6.9.2.13 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 1701

29.1.6.9.2.14 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 1761):

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

29.1.6.9.2.15 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 1761):

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

29.1.6.9.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 1721

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.)

29.1.6.9.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 1752

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.

29.1.6.9.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 1767

29.1.6.9.3 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]			1589
	Debtor <Dbtr>	[0..1]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593
	CreditorIdentification <CdtrId>	[1..1]			1593
	Creditor <Cdtr>	[1..1]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1595
	MandateIdentification <MndtId>	[1..1]	Text		1596
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

29.1.6.9.3.1 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]			1590
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591
	AccountIdentification <AcctId>	[0..1]			1592
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification <Id>	[1..1]	Text		1593

29.1.6.9.3.1.1 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	1590
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1591
Or}	NameAndAddress <NmAndAdr>	[1..1]			1591
	Name <Nm>	[1..1]	Text		1591
	Address <Adr>	[1..1]	±		1591

29.1.6.9.3.1.1.1 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 1760

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.

29.1.6.9.3.1.1.2 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 1452 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1452
	Issuer <Issr>	[1..1]	Text		1452
	SchemeName <SchmeNm>	[0..1]	Text		1453

29.1.6.9.3.1.1.3 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		1591
	Address <Adr>	[1..1]	±		1591

29.1.6.9.3.1.1.3.1 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 1767

29.1.6.9.3.1.1.3.2 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 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StreetName <StrtNm>	[0..1]	Text		1693
	PostCodeIdentification <PstCdd>	[1..1]	Text		1693
	TownName <TwnNm>	[1..1]	Text		1693
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1693
	Country <Ctry>	[1..1]	CodeSet	C2	1694

29.1.6.9.3.1.2 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	C5	1592
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1592
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1593
Or}	DomesticAccount <DmstAcct>	[1..1]			1593
	Identification </d>	[1..1]	Text		1593

29.1.6.9.3.1.2.1 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: C5 "IBAN"

Datatype: "IBAN2007Identifier" on page 1760

Constraints

- IBAN**

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

29.1.6.9.3.1.2.2 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 1760

29.1.6.9.3.1.2.3 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 1761

29.1.6.9.3.1.2.4 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		1593

29.1.6.9.3.1.2.4.1 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 1766

29.1.6.9.3.2 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]			1594
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595
	RegistrationIdentification <RegnId>	[0..1]	Text		1595

29.1.6.9.3.2.1 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	1594
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1594
Or}	NameAndAddress <NmAndAdr>	[1..1]			1594
	Name <Nm>	[1..1]	Text		1595
	Address <Adr>	[1..1]	±		1595

29.1.6.9.3.2.1.1 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 1760**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.

29.1.6.9.3.2.1.2 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 1452 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1452
	Issuer <Issr>	[1..1]	Text		1452
	SchemeName <SchmeNm>	[0..1]	Text		1453

29.1.6.9.3.2.1.3 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		1595
	Address <Adr>	[1..1]	±		1595

29.1.6.9.3.2.1.3.1 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 1767

29.1.6.9.3.2.1.3.2 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 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StreetName <StrtNm>	[0..1]	Text		1693
	PostCodeIdentification <PstCdId>	[1..1]	Text		1693
	TownName <TwnNm>	[1..1]	Text		1693
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1693
	Country <Ctry>	[1..1]	CodeSet	C2	1694

29.1.6.9.3.2.2 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 1766

29.1.6.9.3.3 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		1596
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1596
	MandateImage <MndtImg>	[0..1]	Binary		1596

29.1.6.9.3.3.1 MandateIdentification <MndtId>*Presence:* [1..1]*Definition:* Unique identification, as assigned by the creditor, to unambiguously identify the mandate.*Datatype:* "Max35Text" on page 1766**29.1.6.9.3.3.2 DateOfSignature <DtOfSgntr>***Presence:* [0..1]*Definition:* Date on which the direct debit mandate has been signed by the debtor.*Datatype:* "ISODate" on page 1759**29.1.6.9.3.3.3 MandateImage <MndtImg>***Presence:* [0..1]*Definition:* Image of scanned signed mandate.*Datatype:* "Max2MBBinary" on page 1703**29.1.6.10 LoyaltyAccount3***Definition:* Loyalty Account description.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		1596
	EntryMode <NtryMd>	[0..1]	CodeSet		1596
	IdentificationType <IdTp>	[0..1]	CodeSet		1597
	Brand <Brnd>	[0..1]	Text		1597
	Provider <Prvdr>	[0..1]	Text		1598
	OwnerName <OwnrNm>	[0..1]	Text		1598
	Unit <Unit>	[0..1]	CodeSet		1598
	Currency <Ccy>	[0..1]	CodeSet	C1	1598
	Balance <Bal>	[0..1]	Amount		1598

29.1.6.10.1 LoyaltyIdentification <LltyId>*Presence:* [1..1]*Definition:* Identification of Loyalty Account.*Datatype:* "Max35Text" on page 1766**29.1.6.10.2 EntryMode <NtryMd>***Presence:* [0..1]*Definition:* Standard or last entry mode to access the Loyalty account or card.*Datatype:* "CardDataReading8Code" on page 1721

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.)

29.1.6.10.3 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Loyalty Account.

Datatype: "CardIdentificationType1Code" on page 1723

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

29.1.6.10.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 1766

29.1.6.10.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Loyalty Account.

Datatype: "Max35Text" on page 1766

29.1.6.10.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 1766

29.1.6.10.7 Unit <Unit>

Presence: [0..1]

Definition: Unit of a Loyalty Account (Point or Currency).

Datatype: "AmountUnit1Code" on page 1714

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

29.1.6.10.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of a Loyalty Account if any.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.6.10.9 Balance <Bal>

Presence: [0..1]

Definition: Balance of a Loyalty Account.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.11 ResponseType11

Definition: Response of a requested service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1599
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1599
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1600

29.1.6.11.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the requested transaction.

Datatype: "Response11Code" on page 1748

CodeName	Name	Definition
WARN	Warning	An additional Response Code, mainly a functional one, should be considered to identify the outcome of the request.
FAIL	Failure	Processing of the request fails for various reasons. Some further processing according to the type of requested service, the context of the process, and some additional precision about the failure notified in the ErrorCondition data element.
SUCC	Success	Processing OK. Information related to the result of the processing is contained in other parts of the response message.

29.1.6.11.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detail of the response.

Datatype: "RetailerResultDetail1Code" on page 1749

CodeName	Name	Definition
ABRT	Aborted	The Initiator of the request has sent an Abort message request, which was accepted and processed.
BUSY	Busy	The system is busy, try later.
CANC	Cancel	The user has aborted the transaction on the PED keyboard, for instance during PIN entering.
DEVO	DeviceOut	Device out of order.
WPIN	WrongPIN	The user has entered the PIN on the PED keyboard and the verification fails.
NHOS	UnreachableHost	Acquirer or any host is unreachable or has not answered to an online request, so is considered as temporary unavailable. Depending on the Sale context, the request could be repeated (to be compared with "Refusal").

CodeName	Name	Definition
UNVS	UnavailableService	The service is not available (not implemented, not configured, protocol version too old...).
UNVD	UnavailableDevice	The hardware is not available (absent, not configured...).
REFU	Refusal	The transaction is refused by the host or by the local rules associated to the card or the POI.
PAYR	PaymentRestriction	Some sale items are not payable by the card proposed by the Customer.
TNFD	NotFound	The transaction is not found (e.g. for a reversal or a repeat).
NALW	NotAllowed	A service request is sent during a Service dialogue. A combination of services not possible to provide. During the DeviceInitialisationCardReader message processing, the user has entered a card which has to be protected by the POI, and cannot be processed with this device request from the external, and then the Sale System.
LOUT	LoggedOut	Not logged in.
IVCA	InvalidCard	The card entered by the Customer cannot be processed by the POI because this card is not configured in the system.
ICAR	InsertedCard	If the Input Device request a NotifyCardInputFlag and the Customer enters a card in the card reader without answers to the Input command, the POI abort the Input command processing, and answer a dedicated ErrorCondition value in the Input response message.
WIPG	InProgress	The transaction is still in progress and then the command cannot be processed.

29.1.6.11.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information to be logged for further examination.

Datatype: "Max140Text" on page 1764

29.1.6.12 CustomerDevice3

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1601
	Type <Tp>	[0..1]	Text		1601
	Provider <Prvdr>	[0..1]	Text		1601

29.1.6.12.1 Identification <Id>*Presence:* [0..1]*Definition:* Identifier of the component.*Datatype:* "Max35Text" on page 1766**29.1.6.12.2 Type <Tp>***Presence:* [0..1]*Definition:* Type of component.*Datatype:* "Max70Text" on page 1767**29.1.6.12.3 Provider <Prvdr>***Presence:* [0..1]*Definition:* Provider of the component.*Datatype:* "Max35Text" on page 1766**29.1.6.13 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		1601
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1601
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1602
	StartDate <StartDt>	[1..1]	DateTime		1602
	EndDate <EndDt>	[0..1]	DateTime		1602
	Unit <Unit>	[0..1]	CodeSet		1602
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1602
	CurrentAmount <CurAmt>	[0..1]	Amount		1602
	Currency <Ccy>	[0..1]	CodeSet	C1	1602
	AccessedBy <AccsdBy>	[0..1]	Text		1603
	AdditionalInformation <AddtlInf>	[0..1]	Text		1603

29.1.6.13.1 CustomerOrderIdentification <CstmrOrdrlId>*Presence:* [1..1]*Definition:* Identification of a customer order.*Datatype:* "Max35Text" on page 1766**29.1.6.13.2 SaleReferenceIdentification <SaleRefId>***Presence:* [1..1]*Definition:* Identification of a Sale transaction for a sequence of related POI transactions.

Datatype: "Max35Text" on page 1766

29.1.6.13.3 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 1761):

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

29.1.6.13.4 StartDate <StartDt>

Presence: [1..1]

Definition: Date time of the beginning of an operation.

Datatype: "ISODatetime" on page 1759

29.1.6.13.5 EndDate <EndDt>

Presence: [0..1]

Definition: Date time of the end of an operation.

Datatype: "ISODatetime" on page 1759

29.1.6.13.6 Unit <Unit>

Presence: [0..1]

Definition: Unit of amount.

Datatype: "AmountUnit1Code" on page 1714

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

29.1.6.13.7 ForecastedAmount <FrcstdAmt>

Presence: [1..1]

Definition: Initial or global amount of the order.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.13.8 CurrentAmount <CurAmt>

Presence: [0..1]

Definition: Total amount of all completed transactions of a customer order.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.13.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1705

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.

29.1.6.13.10 AccessedBy <AccsdBy>

Presence: [0..1]

Definition: Identification of an entity accessing data to perform an operation.

Datatype: "Max35Text" on page 1766

29.1.6.13.11 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Unqualified information related to customer order.

Datatype: "Max1025Text" on page 1763

29.1.6.14 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		1604
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		1604
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		1605
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1605
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1605
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1605
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		1605
	MessageCapabilities <MsgCpblties>	[0..*]			1606
	Destination <Dstn>	[1..*]	CodeSet		1606
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1606
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1607
	LineWidth <LineWidth>	[0..1]	Quantity		1607
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C4	1607

29.1.6.14.1 CardReadingCapabilities <CardRdngCpbilities>*Presence:* [0..*]*Definition:* Card reading capabilities of the POI (Point Of Interaction) performing the transaction.*Datatype:* "CardDataReading8Code" on page 1721

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.)

29.1.6.14.2 CardholderVerificationCapabilities <CrdhldrVrfctnCpbilities>*Presence:* [0..*]*Definition:* Cardholder verification capabilities of the POI (Point Of Interaction) performing the transaction.*Datatype:* "CardholderVerificationCapability4Code" on page 1722

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.

CodeName	Name	Definition
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.

29.1.6.14.3 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 1762

29.1.6.14.4 ApprovalCodeLength <ApprvlCdLngh>

Presence: [0..1]

Definition: Maximum number of characters of the approval code the POI is able to manage.

Datatype: "PositiveNumber" on page 1762

29.1.6.14.5 MaxScriptLength <MxScrpLngh>

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 1762

29.1.6.14.6 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 1761):

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

29.1.6.14.7 OnLineCapabilities <OnLineCpblties>

Presence: [0..1]

Definition: On-line and off-line capabilities of the POI (Point Of Interaction).

Datatype: "OnLineCapability1Code" on page 1739

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.

29.1.6.14.8 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		1606
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1606
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1607
	LineWidth <LineWidth>	[0..1]	Quantity		1607
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C4	1607

29.1.6.14.8.1 Destination <Dstn>

Presence: [1..*]

Definition: Destination of the message to present.

Datatype: "UserInterface4Code" on page 1758

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.

29.1.6.14.8.2 AvailableFormat <AvlblFrmt>

Presence: [0..*]

Definition: Available message format.

Datatype: "OutputFormat1Code" on page 1740

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.

29.1.6.14.8.3 NumberOfLines <NbOfLines>

Presence: [0..1]

Definition: Number of lines of the display.

Datatype: "Number" on page 1762

29.1.6.14.8.4 LineWidth <LineWidth>

Presence: [0..1]

Definition: Number of columns of the display or printer.

Datatype: "Number" on page 1762

29.1.6.14.8.5 AvailableLanguage <AvlblLang>

Presence: [0..*]

Definition: Available language for the message. Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

Impacted by: C4 "ValidationByTable"

Datatype: "LanguageCode" on page 1734

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.15 AggregationTransaction3

Definition: Payment transaction with an aggregated amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1607
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1608
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1608
	IndividualPayment <IndvPmt>	[0..*]			1608
	Amount <Amt>	[1..1]	Amount		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Labl>	[0..1]	Text		1609

29.1.6.15.1 FirstPaymentDateTime <FrstPmtDtTm>

Presence: [0..1]

Definition: Date and time of the first payment.

Datatype: ["ISODateTime" on page 1759](#)

29.1.6.15.2 LastPaymentDateTime <LastPmtDtTm>

Presence: [0..1]

Definition: Date and time of the last payment.

Datatype: ["ISODateTime" on page 1759](#)

29.1.6.15.3 NumberOfPayments <NbOfPmts>

Presence: [0..1]

Definition: Total number of payments that has been aggregated.

Datatype: ["Number" on page 1762](#)

29.1.6.15.4 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		1608
	DateTime <DtTm>	[1..1]	DateTime		1608
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1608
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1609
	Label <Lbl>	[0..1]	Text		1609

29.1.6.15.4.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: ["ImpliedCurrencyAndAmount" on page 1701](#)

29.1.6.15.4.2 DateTime <DtTm>

Presence: [1..1]

Definition: Date and time of the payment.

Datatype: ["ISODateTime" on page 1759](#)

29.1.6.15.4.3 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Card data entry mode for the related payment.

Datatype: ["CardDataReading8Code" on page 1721](#)

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.)

29.1.6.15.4.4 ICCRelatedData <ICCRIttdData>

Presence: [0..1]

Definition: Data of an integrated circuit card application for the related payment.

Datatype: "Max10000Binary" on page 1702

29.1.6.15.4.5 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 1764

29.1.6.16 Product6

Definition: Purchased item.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1610
	ProductCode <PdctCd>	[1..1]	Text		1610
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1610
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1610
	ProductQuantity <PdctQty>	[0..1]	Quantity		1612
	UnitPrice <UnitPric>	[0..1]	Amount		1612
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1612
	ProductAmount <PdctAmt>	[1..1]	Amount		1613
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1613
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1613
	TaxType <TaxTp>	[0..1]	Text		1613
	ProductDescription <PdctDesc>	[0..1]	Text		1613
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1613
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1613
	SaleChannel <SaleChanl>	[0..1]	Text		1614
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1614

29.1.6.16.1 ItemIdentification <ItmId>

Presence: [0..1]

Definition: Identification of the item inside the purchase transaction.

Datatype: "Max35Text" on page 1766

29.1.6.16.2 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1767

29.1.6.16.3 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1767

29.1.6.16.4 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1757

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.
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.

CodeName	Name	Definition
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.

29.1.6.16.5 ProductQuantity <PdctQty>

Presence: [0..1]

Definition: Product quantity.

Datatype: "DecimalNumber" on page 1761

29.1.6.16.6 UnitPrice <UnitPric>

Presence: [0..1]

Definition: Price per unit of product.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.16.7 UnitPriceSign <UnitPricSgn>

Presence: [0..1]

Definition: Sign of the unit price.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 1761):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

29.1.6.16.8 ProductAmount <PdctAmt>

Presence: [1..1]

Definition: Monetary value of purchased product.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.16.9 ProductAmountSign <PdctAmtSgn>

Presence: [0..1]

Definition: Sign of the product amount.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 1761):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

29.1.6.16.10 ValueAddedTax <ValAddedTax>

Presence: [0..1]

Definition: Value added tax amount of the item included in the product amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1701

29.1.6.16.11 TaxType <TaxTp>

Presence: [0..1]

Definition: Information on tax paid on the product.

Datatype: "Max35Text" on page 1766

29.1.6.16.12 ProductDescription <PdctDesc>

Presence: [0..1]

Definition: Description of the product or item.

Datatype: "Max140Text" on page 1764

29.1.6.16.13 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max10Text" on page 1763

29.1.6.16.14 DeliveryService <DlvrySvc>

Presence: [0..1]

Definition: Identify the method of delivery or distribution of the item.

Datatype: "AttendanceContext2Code" on page 1715

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.

29.1.6.16.15 SaleChannel <SaleChanI>

Presence: [0..1]

Definition: Commercial or distribution channel associated to the line item.

Datatype: "Max70Text" on page 1767

29.1.6.16.16 AdditionalProductDescription <AddtlPdctDesc>

Presence: [0..1]

Definition: Additional information related to the line item.

Datatype: "Max256Text" on page 1765

29.1.6.17 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		1615
	TrailerNumber <TrlrNb>	[0..1]	Text		1615
	VehicleTag <VhclTag>	[0..1]	Text		1616
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		1616
	UnitNumber <UnitNb>	[0..1]	Text		1616
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		1616
	Odometer <Odmtr>	[0..1]	Quantity		1616
	Hubometer <Hbmtr>	[0..1]	Quantity		1617
	TrailerHours <TrlrHrs>	[0..1]	Text		1617
	ReferHours <RefrHrs>	[0..1]	Text		1617
	Maintenanceldentification <Mntncld>	[0..1]	Text		1617
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			1617
	PAN <PAN>	[0..1]	Text		1617
	Track1 <Trck1>	[0..1]	Text		1618
	Track2 <Trck2>	[0..1]	Text		1618
	Track3 <Trck3>	[0..1]	Text		1618
	AdditionalCardData <AddtlCardData>	[0..*]	Text		1618
	EntryMode <NtryMd>	[0..1]	CodeSet		1618
	AdditionalVehicleData <AddtlVhclData>	[0..*]			1619
	Type <Tp>	[0..1]	Text		1619
	EntryMode <NtryMd>	[0..1]	CodeSet		1619
	Data <Data>	[1..1]	Text		1620

29.1.6.17.1 VehicleNumber <VhclNb>

Presence: [0..1]

Definition: Number assigned to the vehicle for identification.

Datatype: "Max35NumericText" on page 1766

29.1.6.17.2 TrailerNumber <TrlrNb>

Presence: [0..1]

Definition: Number assigned to the vehicle trailer for identification.

Datatype: "Max35NumericText" on page 1766

29.1.6.17.3 VehicleTag <VhclTag>*Presence:* [0..1]*Definition:* Registration tag of the vehicle.*Datatype:* "Max35Text" on page 1766**29.1.6.17.4 VehicleTagEntryMode <VhclTagNtryMd>***Presence:* [0..1]*Definition:* Entry mode of the registration tag.*Datatype:* "CardDataReading5Code" on page 1721

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.

29.1.6.17.5 UnitNumber <UnitNb>*Presence:* [0..1]*Definition:* Identification of the vehicle in the fleet.*Datatype:* "Max35NumericText" on page 1766**29.1.6.17.6 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 1761):

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

29.1.6.17.7 Odometer <Odmtr>*Presence:* [0..1]*Definition:* Odometer reading value indicating the distance travelled by the vehicle.

Datatype: "DecimalNumber" on page 1761

29.1.6.17.8 Hubometer <Hbmtr>

Presence: [0..1]

Definition: Hubometer reading value indicating the distance travelled by the trailer.

Datatype: "DecimalNumber" on page 1761

29.1.6.17.9 TrailerHours <TrlrHrs>

Presence: [0..1]

Definition: Number of hours the trailer has been in operation.

Datatype: "Max35Text" on page 1766

29.1.6.17.10 ReferHours <RefrHrs>

Presence: [0..1]

Definition: Number of hours the refer unit has been in operation.

Datatype: "Max35Text" on page 1766

29.1.6.17.11 Maintenanceldentification <Mntncld>

Presence: [0..1]

Definition: Identification assigned to the vehicle related to maintenance.

Datatype: "Max35Text" on page 1766

29.1.6.17.12 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		1617
	Track1 <Trck1>	[0..1]	Text		1618
	Track2 <Trck2>	[0..1]	Text		1618
	Track3 <Trck3>	[0..1]	Text		1618
	AdditionalCardData <AddtlCardData>	[0..*]	Text		1618
	EntryMode <NtryMd>	[0..1]	CodeSet		1618

29.1.6.17.12.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card.

Datatype: "Min8Max28NumericText" on page 1769

29.1.6.17.12.2 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 1767**29.1.6.17.12.3 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 1766**29.1.6.17.12.4 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 1763**29.1.6.17.12.5 AdditionalCardData <AddtlCardData>***Presence:* [0..*]*Definition:* Additional card issuer specific data.*Datatype:* "Max35Text" on page 1766**29.1.6.17.12.6 EntryMode <NtryMd>***Presence:* [0..1]*Definition:* Entry mode of the card.*Datatype:* "CardDataReading5Code" on page 1721

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.

29.1.6.17.13 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		1619
	EntryMode <NtryMd>	[0..1]	CodeSet		1619
	Data <Data>	[1..1]	Text		1620

29.1.6.17.13.1 Type <Tp>

Presence: [0..1]

Definition: Type of information related to the vehicle.

Datatype: "Max35Text" on page 1766

29.1.6.17.13.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the information.

Datatype: "CardDataReading5Code" on page 1721

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.

29.1.6.17.13.3 Data <Data>*Presence:* [1..1]*Definition:* Information related to the vehicle.*Datatype:* "Max35Text" on page 1766**29.1.6.18 TransactionIdentifier1***Definition:* Identification of the transaction in an unambiguous way.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1620
	TransactionReference <TxRef>	[1..1]	Text		1620

29.1.6.18.1 TransactionDateTime <TxDtTm>*Presence:* [1..1]*Definition:* Local date and time of the transaction assigned by the POI (Point Of Interaction).*Datatype:* "ISODateTime" on page 1759**29.1.6.18.2 TransactionReference <TxRef>***Presence:* [1..1]*Definition:* Identification of the transaction that has to be unique for a time period.*Datatype:* "Max35Text" on page 1766**29.1.7 Monitoring****29.1.7.1 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]	±		1620
	ProtocolName <PrtcolNm>	[0..1]	Text		1621
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1621
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1621
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1621

29.1.7.1.1 RelayIdentification <RlayId>*Presence:* [1..1]*Definition:* Identification of a partner of a message exchange.

RelayIdentification <Rlyld> contains the following elements (see "[GenericIdentification177](#)" on page 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1445
	Type <Tp>	[0..1]	CodeSet		1445
	Issuer <Issr>	[0..1]	CodeSet		1446
	Country <Ctry>	[0..1]	Text		1446
	ShortName <ShrtNm>	[0..1]	Text		1446
	RemoteAccess <RmotAccs>	[0..1]	±		1447
	Geolocation <Glctn>	[0..1]			1447
	GeographicCoordinates <GeogcCordints>	[0..1]			1447
	Latitude <Lat>	[1..1]	Text		1448
	Longitude <Long>	[1..1]	Text		1448
	UTMCoordinates <UTMCordints>	[0..1]			1448
	UTMZone <UTMZone>	[1..1]	Text		1448
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1448
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1449

29.1.7.1.2 ProtocolName <PrtcolNm>

Presence: [0..1]

Definition: Name of the outgoing protocol used by the node.

Datatype: "[Max35Text](#)" on page 1766

29.1.7.1.3 ProtocolVersion <PrtcolVrsn>

Presence: [0..1]

Definition: Version of the protocol.

Datatype: "[Max6Text](#)" on page 1767

29.1.7.1.4 TraceDateTimeln <TracDtTmln>

Presence: [1..1]

Definition: Date and time of incoming data exchange for relaying or processing.

Datatype: "[ISODateTime](#)" on page 1759

29.1.7.1.5 TraceDateTimeOut <TracDtTmOut>

Presence: [1..1]

Definition: Date and time of the outgoing exchange for relaying or processing.

Datatype: "[ISODateTime](#)" on page 1759

29.1.8 Network Access

29.1.8.1 NetworkParameters7

Definition: Parameters to communicate with a host.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1622
	NetworkType <NtwkTp>	[1..1]	CodeSet		1622
	AddressValue <AdrVal>	[1..1]	Text		1622
	UserName <UsrNm>	[0..1]	Text		1623
	AccessCode <AccsCd>	[0..1]	Binary		1623
	ServerCertificate <SvrCert>	[0..*]	Binary		1623
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1623
	ClientCertificate <CIntCert>	[0..*]	Binary		1623
	SecurityProfile <SctyPrfl>	[0..1]	Text		1623

29.1.8.1.1 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		1622
	AddressValue <AdrVal>	[1..1]	Text		1622

29.1.8.1.1.1 NetworkType <NtwkTp>

Presence: [1..1]

Definition: Type of communication network.

Datatype: "NetworkType1Code" on page 1738

CodeName	Name	Definition
IPNW	InternetProtocol	Protocol of an IP network.
PSTN	PublicTelephone	Protocol of a Public Switched Telephone Network (PSTN).

29.1.8.1.1.2 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 1767

29.1.8.1.2 UserName <UsrNm>

Presence: [0..1]

Definition: User name identifying the client.

Datatype: "Max35Text" on page 1766

29.1.8.1.3 AccessCode <AccsCd>

Presence: [0..1]

Definition: Password authenticating the client.

Datatype: "Max35Binary" on page 1703

29.1.8.1.4 ServerCertificate <SvrCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the server.

Datatype: "Max10KBinary" on page 1702

29.1.8.1.5 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 1702

29.1.8.1.6 ClientCertificate <ClntCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the client.

Datatype: "Max10KBinary" on page 1702

29.1.8.1.7 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to access the host.

Datatype: "Max35Text" on page 1766

29.1.9 Postal Address

29.1.9.1 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		1624
	AddressLine <AdrLine>	[0..5]	Text		1624
	StreetName <StrtNm>	[0..1]	Text		1624
	BuildingNumber <BldgNb>	[0..1]	Text		1624
	PostCode <PstCd>	[0..1]	Text		1625
	TownName <TwnNm>	[0..1]	Text		1625
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1625
	Country <Ctry>	[1..1]	CodeSet	C2	1625

29.1.9.1.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 1706

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.

29.1.9.1.2 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 1767

29.1.9.1.3 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1767

29.1.9.1.4 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 1764

29.1.9.1.5 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 1764

29.1.9.1.6 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max35Text" on page 1766

29.1.9.1.7 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country for example, state, region, county.

Datatype: "Max35Text" on page 1766

29.1.9.1.8 Country <Ctry>

Presence: [1..1]

Definition: Nation with its own government.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 1727

Constraints

- **Country**

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

29.1.9.2 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		1626
	Department <Dept>	[0..1]	Text		1626
	SubDepartment <SubDept>	[0..1]	Text		1626
	AddressLine <AdrLine>	[0..2]	Text		1626
	StreetName <StrtNm>	[0..1]	Text		1627
	BuildingNumber <BldgNb>	[0..1]	Text		1627
	PostCode <PstCd>	[0..1]	Text		1627
	TownName <TwnNm>	[0..1]	Text		1627
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		1627
	CountryCode <CtryCd>	[0..1]	Text		1627

29.1.9.2.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 1706

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.

29.1.9.2.2 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 1767

29.1.9.2.3 SubDepartment <SubDept>

Presence: [0..1]

Definition: Identification of a sub-division of a large organisation or building.

Datatype: "Max70Text" on page 1767

29.1.9.2.4 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 1767

29.1.9.2.5 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1767

29.1.9.2.6 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 1764

29.1.9.2.7 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 1764

29.1.9.2.8 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max70Text" on page 1767

29.1.9.2.9 CountrySubDivision <CtrySubDvsn>

Presence: [0..2]

Definition: Identifies a subdivision of a country such as state, region, county.

Datatype: "Max35Text" on page 1766

29.1.9.2.10 CountryCode <CtryCd>

Presence: [0..1]

Definition: Nation with its own government.

Datatype: "Min2Max3AlphaText" on page 1768

29.1.10 Secure Element

29.1.10.1 EncapsulatedContent3

Definition: Data to authenticate.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1628
	Content <Cntt>	[0..1]	Binary		1628

29.1.10.1.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been authenticated.

Datatype: "ContentType2Code" on page 1726

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).

29.1.10.1.2 Content <Cntt>

Presence: [0..1]

Definition: Actual data to authenticate.

Datatype: "Max100KBinary" on page 1702

29.1.10.2 AlgorithmIdentification36

Definition: Cryptographic algorithm and parameters of digests.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1628

29.1.10.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 1706

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).
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).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

29.1.10.3 AlgorithmIdentification35

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		1629
	Parameter <Param>	[0..1]			1630
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1630
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1630
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1631

29.1.10.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Asymmetric encryption algorithm of a transport key.

Datatype: "Algorithm7Code" on page 1714

CodeName	Name	Definition
ERSA	RSAEncryption	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).
RSAO	RSAAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

29.1.10.3.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters of the encryption algorithm.

Parameter <Param> contains the following **Parameter17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1630
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1630
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1631

29.1.10.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 1729

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.

29.1.10.3.2.2 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 1706

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).

CodeName	Name	Definition
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).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

29.1.10.3.2.3 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following elements (see "AlgorithmIdentification34" on page 1631 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1632
	Parameter <Param>	[0..1]			1632
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1632

29.1.10.4 AlgorithmIdentification34

Definition: Mask generator function cryptographic algorithm and parameters.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1632
	Parameter <Param>	[0..1]			1632
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1632

29.1.10.4.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 1714

CodeName	Name	Definition
MGF1	MGF1	Generator Function, used for RSA encryption and RSA igital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

29.1.10.4.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the mask generator function cryptographic algorithm.

Parameter <Param> contains the following **Parameter18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1632

29.1.10.4.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Digest algorithm used in the mask generator function.

Datatype: "Algorithm26Code" on page 1706

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).

CodeName	Name	Definition
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).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

29.1.10.5 AlgorithmIdentification33

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		1633
	Parameter <Param>	[0..1]			1636
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1636
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1637
	SaltLength <SaltLngth>	[0..1]	Quantity		1637
	TrailerField <TrlrFld>	[0..1]	Quantity		1638
	OIDCurveName <OIDCrvNm>	[0..1]	Text		1638

29.1.10.5.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm29Code" on page 1711

CodeName	Name	Definition
ERS2	SHA256WithRSA	Signature algorithms with RSA, using SHA-256 digest algorithm - (ASN.1 Object Identifier: sha256WithRSAEncryption).

CodeName	Name	Definition
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).
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ED32	EcdsaSha3-256	Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ED33	EcdsaSha3-384	Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED23	EcdsaSha384	Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ED25	EcdsaSha512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES22	EcdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcdsaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ES33	EcdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES23	EcdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcdsaSha512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED22	EcdsaSha256	Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF32	EcdsaSha3-256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.

CodeName	Name	Definition
EF22	EcfdsdaSha256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF33	EcfdsdaSha3-384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF35	EcfdsdaSha3-512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EF23	EcfdsdaSha384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO33	EcosdsaSha3-384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF25	EcfdsdaSha512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
EO32	EcosdaSha3-256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EO22	EcosdsaSha256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EO35	EcosdsaSha3-512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EO23	EcosdsaSha384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO25	EcosdsaSha512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
DD22	EddsaSha256	Edward Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
DD32	EddsaSha3-256	Edward Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
DD33	EddsaSha3-384	Edward Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
DD35	EddsaSha3-512	Edward Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
DD23	EddsaSha384	Edward Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
DD25	EddsaSha512	Edward Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.

CodeName	Name	Definition
SM22	SM2Sha256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
SM33	SM2Sha3-384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
SM32	SM2Sha3-256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
SM35	SM2Sha3-512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
SM23	SM2Sha384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
SM25	SM2Sha512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
S2S3	SM2SM3	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with ShangMi3 Digest Algorithm.

29.1.10.5.2 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 **Parameter16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1636
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1637
	SaltLength <SaltLngth>	[0..1]	Quantity		1637
	TrailerField <TrlrFld>	[0..1]	Quantity		1638
	OIDCurveName <OIDCrvNm>	[0..1]	Text		1638

29.1.10.5.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 1706

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).
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).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

29.1.10.5.2.2 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following elements (see "[AlgorithmIdentification34](#)" on page 1631 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1632
	Parameter <Param>	[0..1]			1632
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1632

29.1.10.5.2.3 SaltLength <SaltLngh>

Presence: [0..1]

Definition: Length of the salt to include in the signature.

Datatype: "Number" on page 1762

29.1.10.5.2.4 TrailerField <TrlrFld>*Presence:* [0..1]*Definition:* Trailer field number.*Datatype:* "Number" on page 1762**29.1.10.5.2.5 OIDCurveName <OIDCrvNm>***Presence:* [0..1]*Definition:* Name of the Elliptic Curve according to the OID notation.*Datatype:* "Max140Text" on page 1764**29.1.10.6 AlgorithmIdentification31***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		1638
	Parameter <Param>	[0..1]			1640
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1641
	BytePadding <BPddg>	[0..1]	CodeSet		1641

29.1.10.6.1 Algorithm <Algo>*Presence:* [1..1]*Definition:* Identification of the MAC algorithm.*Datatype:* "Algorithm27Code" on page 1707

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).

CodeName	Name	Definition
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, 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.

CodeName	Name	Definition
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 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).
S34C	SM3SM4CBC	ShangMi 4 enciphering method used in CBC mode coupled with ShangMi 3 hash function.
S34R	SM3SM4CTR	ShangMi 4 enciphering method used in CTR mode coupled with ShangMi 3 hash function.

29.1.10.6.2 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 <InitlStnVctr>	[0..1]	Binary		1641
	BytePadding <BPddg>	[0..1]	CodeSet		1641

29.1.10.6.2.1 InitialisationVector <InitlStnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 1704

29.1.10.6.2.2 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 1719

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.

29.1.10.7 AuthenticatedData10

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		1642
	Recipient <Rcpt>	[1..*]			1643
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1643
	Version <Vrsn>	[0..1]	Quantity		1644
	RecipientIdentification <RcptId>	[1..1]			1644
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1644
	Issuer <Issr>	[1..1]			1645
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1645
	AttributeType <AttrTp>	[1..1]	CodeSet		1645
	AttributeValue <AttrVal>	[1..1]	Text		1646
	SerialNumber <SrlNb>	[1..1]	Binary		1646
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1646
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1646
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1646
Or	KEK <KEK>	[1..1]			1647
	Version <Vrsn>	[0..1]	Quantity		1647
	KEKIdentification <KEKId>	[1..1]	±		1647
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1647
	Algorithm <Algo>	[1..1]	CodeSet		1648
	Parameter <Param>	[0..1]			1650
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1650
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1651
	BytePadding <BPddg>	[0..1]	CodeSet		1651
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1651
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1651
	MACAlgorithm <MACAlgo>	[1..1]	±		1652
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1652
	MAC <MAC>	[1..1]	Binary		1652

29.1.10.7.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1762

29.1.10.7.2 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or protection key identification used by the recipient.

Recipient <Rcpt> contains one of the following **Recipient15Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1643
	Version <Vrsn>	[0..1]	Quantity		1644
	RecipientIdentification <RcptId>	[1..1]			1644
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1644
	Issuer <Issr>	[1..1]			1645
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1645
	AttributeType <AttrTp>	[1..1]	CodeSet		1645
	AttributeValue <AttrVal>	[1..1]	Text		1646
	SerialNumber <SrlNb>	[1..1]	Binary		1646
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		1646
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1646
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1646
Or	KEK <KEK>	[1..1]			1647
	Version <Vrsn>	[0..1]	Quantity		1647
	KEKIdentification <KEKId>	[1..1]	±		1647
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1647
	Algorithm <Algo>	[1..1]	CodeSet		1648
	Parameter <Param>	[0..1]			1650
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1650
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1651
	BytePadding <BPddg>	[0..1]	CodeSet		1651
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1651
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1651

29.1.10.7.2.1 KeyTransport <KeyTrnsprt>

Presence: [1..1]

Definition: Encryption key using previously distributed asymmetric public key.

KeyTransport <KeyTrnsprt> contains the following **KeyTransport10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1644
	RecipientIdentification <Rcptld>	[1..1]			1644
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1644
	Issuer <Issr>	[1..1]			1645
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1645
	AttributeType <AttrTp>	[1..1]	CodeSet		1645
	AttributeValue <AttrVal>	[1..1]	Text		1646
	SerialNumber <SrlNb>	[1..1]	Binary		1646
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1646
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1646
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1646

29.1.10.7.2.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1762

29.1.10.7.2.1.2 RecipientIdentification <Rcptld>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <Rcptld> contains one of the following **Recipient13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1644
	Issuer <Issr>	[1..1]			1645
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1645
	AttributeType <AttrTp>	[1..1]	CodeSet		1645
	AttributeValue <AttrVal>	[1..1]	Text		1646
	SerialNumber <SrlNb>	[1..1]	Binary		1646
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1646

29.1.10.7.2.1.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

Presence: [1..1]

Definition: Certificate issuer name and serial number (see ITU X.509).

IssuerAndSerialNumber <IssrAndSrInb> contains the following **IssuerAndSerialNumber2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			1645
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1645
	AttributeType <AttrTp>	[1..1]	CodeSet		1645
	AttributeValue <AttrVal>	[1..1]	Text		1646
	SerialNumber <SrInb>	[1..1]	Binary		1646

29.1.10.7.2.1.2.1.1 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..*]			1645
	AttributeType <AttrTp>	[1..1]	CodeSet		1645
	AttributeValue <AttrVal>	[1..1]	Text		1646

29.1.10.7.2.1.2.1.1.1 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		1645
	AttributeValue <AttrVal>	[1..1]	Text		1646

29.1.10.7.2.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1715

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).

29.1.10.7.2.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1764

29.1.10.7.2.1.2.1.2 SerialNumber <SrlNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 1704

29.1.10.7.2.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 1702

29.1.10.7.2.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification35" on page 1629 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1629
	Parameter <Param>	[0..1]			1630
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1630
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1630
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1631

29.1.10.7.2.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 1703

29.1.10.7.2.2 KEK <KEK>*Presence:* [1..1]*Definition:* Key encryption key using previously distributed symmetric key.**KEK <KEK>** contains the following **KEK9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1647
	KEKIdentification <KEKId>	[1..1]	±		1647
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1647
	Algorithm <Algo>	[1..1]	CodeSet		1648
	Parameter <Param>	[0..1]			1650
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1650
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1651
	BytePadding <BPddg>	[0..1]	CodeSet		1651
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1651

29.1.10.7.2.2.1 Version <Vrsn>*Presence:* [0..1]*Definition:* Version of the data structure.*Datatype:* "Number" on page 1762**29.1.10.7.2.2.2 KEKIdentification <KEKId>***Presence:* [1..1]*Definition:* Identification of the key encryption key (KEK).**KEKIdentification <KEKId>** contains the following elements (see "KEKIdentifier7" on page 1194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1194
	KeyVersion <KeyVrsn>	[1..1]	Text		1194
	SequenceNumber <SeqNb>	[0..1]	Quantity		1194
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1194

29.1.10.7.2.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>*Presence:* [1..1]*Definition:* Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following **AlgorithmIdentification32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1648
	Parameter <Param>	[0..1]			1650
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1650
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1651
	BytePadding <BPddg>	[0..1]	CodeSet		1651

29.1.10.7.2.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm28Code" on page 1709

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 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

CodeName	Name	Definition
		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 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

CodeName	Name	Definition
		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).
SM4C	SM4CBC	ShangMi 4 enciphering method used in CBC mode.
SM4R	SM4CTR	ShangMi 4 enciphering method used in CTR mode.

29.1.10.7.2.3.2 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		1650
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1651
	BytePadding <BPddg>	[0..1]	CodeSet		1651

29.1.10.7.2.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 1729

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.

29.1.10.7.2.3.2.2 InitialisationVector <InitlStnVctr>*Presence:* [0..1]*Definition:* Initialisation vector of a cipher block chaining (CBC) mode encryption.*Datatype:* "Max500Binary" on page 1704**29.1.10.7.2.3.2.3 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 1719

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.

29.1.10.7.2.2.4 EncryptedKey <NcrptdKey>*Presence:* [0..1]*Definition:* Encrypted key encryption key (KEK).*Datatype:* "Max500Binary" on page 1704**29.1.10.7.2.3 KeyIdentifier <Keyldr>***Presence:* [1..1]*Definition:* Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.**KeyIdentifier <Keyldr>** contains the following elements (see "KEKIdentifier7" on page 1194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <Keyld>	[1..1]	Text		1194
	KeyVersion <KeyVrsn>	[1..1]	Text		1194
	SequenceNumber <SeqNb>	[0..1]	Quantity		1194
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1194

29.1.10.7.3 MACAlgorithm <MACAlgo>*Presence:* [1..1]*Definition:* Algorithm to compute message authentication code (MAC).**MACAlgorithm <MACAlgo>** contains the following elements (see "[AlgorithmIdentification31](#)" on page 1638 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1638
	Parameter <Param>	[0..1]			1640
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1641
	BytePadding <BPddg>	[0..1]	CodeSet		1641

29.1.10.7.4 EncapsulatedContent <NcpsltdCntt>*Presence:* [1..1]*Definition:* Data to authenticate.**EncapsulatedContent <NcpsltdCntt>** contains the following elements (see "[EncapsulatedContent3](#)" on page 1627 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1628
	Content <Cntt>	[0..1]	Binary		1628

29.1.10.7.5 MAC <MAC>*Presence:* [1..1]*Definition:* Message authentication code value.*Datatype:* "[Max140Binary](#)" on page 1702**29.1.10.8 EnvelopedData11***Definition:* Encrypted data with encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1654
	OriginatorInformation <OrgtrlInf>	[0..1]			1654
	Certificate <Cert>	[0..*]	Binary		1654
	Recipient <Rcpt>	[1..*]			1654
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1655
	Version <Vrsn>	[0..1]	Quantity		1656
	RecipientIdentification <RcptId>	[1..1]			1656
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1656
	Issuer <Issr>	[1..1]			1657
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1657
	AttributeType <AttrTp>	[1..1]	CodeSet		1657
	AttributeValue <AttrVal>	[1..1]	Text		1658
	SerialNumber <SrlNb>	[1..1]	Binary		1658
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1658
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1658
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1658
Or	KEK <KEK>	[1..1]			1659
	Version <Vrsn>	[0..1]	Quantity		1659
	KEKIdentification <KEKId>	[1..1]	±		1659
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1659
	Algorithm <Algo>	[1..1]	CodeSet		1660
	Parameter <Param>	[0..1]			1662
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1662
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1663
	BytePadding <BPddg>	[0..1]	CodeSet		1663
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1663
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1663
	EncryptedContent <NcrptdCntt>	[0..1]			1664
	ContentType <CnttTp>	[1..1]	CodeSet		1664
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			1664
	Algorithm <Algo>	[1..1]	CodeSet		1665

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Parameter <Param>	[0..1]			1667
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1667
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1668
	BytePadding <BPddg>	[0..1]	CodeSet		1668
	EncryptedData <NcrptdData>	[1..1]	Binary		1668

29.1.10.8.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1762

29.1.10.8.2 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		1654

29.1.10.8.2.1 Certificate <Cert>

Presence: [0..*]

Definition: It may contain originator certificates associated with several different key management algorithms.

Datatype: "Max5000Binary" on page 1703

29.1.10.8.3 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or identification of the protection key used by the recipient.

Recipient <Rcpt> contains one of the following **Recipient15Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1655
	Version <Vrsn>	[0..1]	Quantity		1656
	RecipientIdentification <RcptId>	[1..1]			1656
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1656
	Issuer <Issr>	[1..1]			1657
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1657
	AttributeType <AttrTp>	[1..1]	CodeSet		1657
	AttributeValue <AttrVal>	[1..1]	Text		1658
	SerialNumber <SrlNb>	[1..1]	Binary		1658
Or}	SubjectKeyIdentifier <SbjktKeyldr>	[1..1]	Binary		1658
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1658
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1658
Or	KEK <KEK>	[1..1]			1659
	Version <Vrsn>	[0..1]	Quantity		1659
	KEKIdentification <KEKId>	[1..1]	±		1659
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1659
	Algorithm <Algo>	[1..1]	CodeSet		1660
	Parameter <Param>	[0..1]			1662
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1662
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1663
	BytePadding <BPddg>	[0..1]	CodeSet		1663
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1663
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1663

29.1.10.8.3.1 KeyTransport <KeyTrnsprt>

Presence: [1..1]

Definition: Encryption key using previously distributed asymmetric public key.

KeyTransport <KeyTrnsprt> contains the following **KeyTransport10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1656
	RecipientIdentification <Rcptld>	[1..1]			1656
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1656
	Issuer <Issr>	[1..1]			1657
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1657
	AttributeType <AttrTp>	[1..1]	CodeSet		1657
	AttributeValue <AttrVal>	[1..1]	Text		1658
	SerialNumber <SrlNb>	[1..1]	Binary		1658
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1658
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1658
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1658

29.1.10.8.3.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1762

29.1.10.8.3.1.2 RecipientIdentification <Rcptld>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <Rcptld> contains one of the following **Recipient13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1656
	Issuer <Issr>	[1..1]			1657
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1657
	AttributeType <AttrTp>	[1..1]	CodeSet		1657
	AttributeValue <AttrVal>	[1..1]	Text		1658
	SerialNumber <SrlNb>	[1..1]	Binary		1658
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1658

29.1.10.8.3.1.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

Presence: [1..1]

Definition: Certificate issuer name and serial number (see ITU X.509).

IssuerAndSerialNumber <IssrAndSrInb> contains the following **IssuerAndSerialNumber2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			1657
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1657
	AttributeType <AttrTp>	[1..1]	CodeSet		1657
	AttributeValue <AttrVal>	[1..1]	Text		1658
	SerialNumber <SrInb>	[1..1]	Binary		1658

29.1.10.8.3.1.2.1.1 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..*]			1657
	AttributeType <AttrTp>	[1..1]	CodeSet		1657
	AttributeValue <AttrVal>	[1..1]	Text		1658

29.1.10.8.3.1.2.1.1.1 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		1657
	AttributeValue <AttrVal>	[1..1]	Text		1658

29.1.10.8.3.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1715

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).

29.1.10.8.3.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1764

29.1.10.8.3.1.2.1.2 SerialNumber <SrInNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 1704

29.1.10.8.3.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 1702

29.1.10.8.3.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification35" on page 1629 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1629
	Parameter <Param>	[0..1]			1630
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1630
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1630
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1631

29.1.10.8.3.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 1703

29.1.10.8.3.2 KEK <KEK>*Presence:* [1..1]*Definition:* Key encryption key using previously distributed symmetric key.**KEK <KEK>** contains the following **KEK9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1659
	KEKIdentification <KEKId>	[1..1]	±		1659
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1659
	Algorithm <Algo>	[1..1]	CodeSet		1660
	Parameter <Param>	[0..1]			1662
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1662
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1663
	BytePadding <BPddg>	[0..1]	CodeSet		1663
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1663

29.1.10.8.3.2.1 Version <Vrsn>*Presence:* [0..1]*Definition:* Version of the data structure.*Datatype:* "Number" on page 1762**29.1.10.8.3.2.2 KEKIdentification <KEKId>***Presence:* [1..1]*Definition:* Identification of the key encryption key (KEK).**KEKIdentification <KEKId>** contains the following elements (see "KEKIdentifier7" on page 1194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1194
	KeyVersion <KeyVrsn>	[1..1]	Text		1194
	SequenceNumber <SeqNb>	[0..1]	Quantity		1194
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1194

29.1.10.8.3.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>*Presence:* [1..1]*Definition:* Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following **AlgorithmIdentification32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1660
	Parameter <Param>	[0..1]			1662
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1662
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1663
	BytePadding <BPddg>	[0..1]	CodeSet		1663

29.1.10.8.3.2.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm28Code" on page 1709

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 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

CodeName	Name	Definition
		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 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

CodeName	Name	Definition
		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).
SM4C	SM4CBC	ShangMi 4 enciphering method used in CBC mode.
SM4R	SM4CTR	ShangMi 4 enciphering method used in CTR mode.

29.1.10.8.3.2.3.2 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		1662
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1663
	BytePadding <BPddg>	[0..1]	CodeSet		1663

29.1.10.8.3.2.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 1729

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.

29.1.10.8.3.2.3.2.2 InitialisationVector <InitlStnVctr>*Presence:* [0..1]*Definition:* Initialisation vector of a cipher block chaining (CBC) mode encryption.*Datatype:* "Max500Binary" on page 1704**29.1.10.8.3.2.3.2.3 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 1719

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.

29.1.10.8.3.2.4 EncryptedKey <NcrptdKey>*Presence:* [0..1]*Definition:* Encrypted key encryption key (KEK).*Datatype:* "Max500Binary" on page 1704**29.1.10.8.3.3 KeyIdentifier <Keyldr>***Presence:* [1..1]*Definition:* Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.**KeyIdentifier <Keyldr>** contains the following elements (see "KEKIdentifier7" on page 1194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1194
	KeyVersion <KeyVrsn>	[1..1]	Text		1194
	SequenceNumber <SeqNb>	[0..1]	Quantity		1194
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1194

29.1.10.8.4 EncryptedContent <NcrptdCntt>*Presence:* [0..1]*Definition:* Data protection by encryption (digital envelope), with an encryption key.**EncryptedContent <NcrptdCntt>** contains the following **EncryptedContent7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1664
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			1664
	Algorithm <Algo>	[1..1]	CodeSet		1665
	Parameter <Param>	[0..1]			1667
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1667
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1668
	BytePadding <BPddg>	[0..1]	CodeSet		1668
	EncryptedData <NcrptdData>	[1..1]	Binary		1668

29.1.10.8.4.1 ContentType <CnttTp>*Presence:* [1..1]*Definition:* Type of data which have been encrypted.*Datatype:* "ContentType2Code" on page 1726

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).

29.1.10.8.4.2 ContentEncryptionAlgorithm <CnttNcrptnAlgo>*Presence:* [0..1]*Definition:* Algorithm used to encrypt the data.

ContentEncryptionAlgorithm <CnntNcrptnAlgo> contains the following **AlgorithmIdentification32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1665
	Parameter <Param>	[0..1]			1667
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1667
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1668
	BytePadding <BPddg>	[0..1]	CodeSet		1668

29.1.10.8.4.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm28Code" on page 1709

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 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

CodeName	Name	Definition
		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 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

CodeName	Name	Definition
		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).
SM4C	SM4CBC	ShangMi 4 enciphering method used in CBC mode.
SM4R	SM4CTR	ShangMi 4 enciphering method used in CTR mode.

29.1.10.8.4.2.2 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		1667
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1668
	BytePadding <BPddg>	[0..1]	CodeSet		1668

29.1.10.8.4.2.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 1729

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.

29.1.10.8.4.2.2.2 InitialisationVector <InitlStnVctr>*Presence:* [0..1]*Definition:* Initialisation vector of a cipher block chaining (CBC) mode encryption.*Datatype:* "Max500Binary" on page 1704**29.1.10.8.4.2.2.3 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 1719

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.

29.1.10.8.4.3 EncryptedData <NcrptdData>*Presence:* [1..1]*Definition:* Encrypted data, result of the content encryption.*Datatype:* "Max100KBinary" on page 1702**29.1.10.9 SignedData9***Definition:* Digital signatures of data from one or several signers.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1669
	DigestAlgorithm <DgstAlgo>	[0..*]	±		1669
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		1670
	Certificate <Cert>	[0..*]	Binary		1670
	Signer <Sgnr>	[0..*]			1670
	Version <Vrsn>	[0..1]	Quantity		1671
	SignerIdentification <SgnrId>	[0..1]			1671
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1671
	Issuer </issr>	[1..1]			1671
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1672
	AttributeType <AttrTp>	[1..1]	CodeSet		1672
	AttributeValue <AttrVal>	[1..1]	Text		1672
	SerialNumber <SrlNb>	[1..1]	Binary		1672
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		1673
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1673
	SignedAttributes <SgndAttrbts>	[0..*]			1673
	Name <Nm>	[1..1]	Text		1673
	Value <Val>	[0..1]	Text		1673
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1673
	Signature <Sgntr>	[1..1]	Binary		1674

29.1.10.9.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1762

29.1.10.9.2 DigestAlgorithm <DgstAlgo>

Presence: [0..*]

Definition: Identification of digest algorithm applied before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see "[AlgorithmIdentification36](#)" on page 1628 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1628

29.1.10.9.3 EncapsulatedContent <NcpsltdCntt>*Presence:* [0..1]*Definition:* Data to sign.**EncapsulatedContent <NcpsltdCntt>** contains the following elements (see "[EncapsulatedContent3](#)" on page 1627 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1628
	Content <Cntt>	[0..1]	Binary		1628

29.1.10.9.4 Certificate <Cert>*Presence:* [0..*]*Definition:* Chain of X.509 certificates.*Datatype:* "[Max5000Binary](#)" on page 1703**29.1.10.9.5 Signer <Sgnr>***Presence:* [0..*]*Definition:* Digital signature and identification of a signer.**Signer <Sgnr>** contains the following **Signer8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1671
	SignerIdentification <SgnrId>	[0..1]			1671
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1671
	Issuer <Issr>	[1..1]			1671
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1672
	AttributeType <AttrTp>	[1..1]	CodeSet		1672
	AttributeValue <AttrVal>	[1..1]	Text		1672
	SerialNumber <SrlNb>	[1..1]	Binary		1672
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1673
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1673
	SignedAttributes <SgndAttrbts>	[0..*]			1673
	Name <Nm>	[1..1]	Text		1673
	Value <Val>	[0..1]	Text		1673
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1673
	Signature <Sgntr>	[1..1]	Binary		1674

29.1.10.9.5.1 Version <Vrsn>*Presence:* [0..1]*Definition:* Version of the Cryptographic Message Syntax (CMS) data structure.*Datatype:* "Number" on page 1762**29.1.10.9.5.2 SignerIdentification <SgnrId>***Presence:* [0..1]*Definition:* Identification of the entity who has signed the data.**SignerIdentification <SgnrId>** contains one of the following **Recipient13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1671
	Issuer <Issr>	[1..1]			1671
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1672
	AttributeType <AttrTp>	[1..1]	CodeSet		1672
	AttributeValue <AttrVal>	[1..1]	Text		1672
	SerialNumber <SrlNb>	[1..1]	Binary		1672
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1673

29.1.10.9.5.2.1 IssuerAndSerialNumber <IssrAndSrlNb>*Presence:* [1..1]*Definition:* Certificate issuer name and serial number (see ITU X.509).**IssuerAndSerialNumber <IssrAndSrlNb>** contains the following **IssuerAndSerialNumber2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			1671
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1672
	AttributeType <AttrTp>	[1..1]	CodeSet		1672
	AttributeValue <AttrVal>	[1..1]	Text		1672
	SerialNumber <SrlNb>	[1..1]	Binary		1672

29.1.10.9.5.2.1.1 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..*]			1672
	AttributeType <AttrTp>	[1..1]	CodeSet		1672
	AttributeValue <AttrVal>	[1..1]	Text		1672

29.1.10.9.5.2.1.1.1 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		1672
	AttributeValue <AttrVal>	[1..1]	Text		1672

29.1.10.9.5.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1715

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).

29.1.10.9.5.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1764

29.1.10.9.5.2.1.2 SerialNumber <SrINb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 1704

29.1.10.9.5.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 1702

29.1.10.9.5.3 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of a digest algorithm to apply before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see "AlgorithmIdentification36" on page 1628 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1628

29.1.10.9.5.4 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		1673
	Value <Val>	[0..1]	Text		1673

29.1.10.9.5.4.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "Max70Text" on page 1767

29.1.10.9.5.4.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "Max140Text" on page 1764

29.1.10.9.5.5 SignatureAlgorithm <SgntrAlgo>

Presence: [1..1]

Definition: Cryptographic digital signature algorithm.

SignatureAlgorithm <SgntrAlgo> contains the following elements (see "[AlgorithmIdentification33](#)" on page 1633 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1633
	Parameter <Param>	[0..1]			1636
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1636
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1637
	SaltLength <SaltLngh>	[0..1]	Quantity		1637
	TrailerField <TrlrFld>	[0..1]	Quantity		1638
	OIDCurveName <OIDCrvNm>	[0..1]	Text		1638

29.1.10.9.5.6 Signature <Sgntr>

Presence: [1..1]

Definition: Digital signature.

Datatype: "[Max3000Binary](#)" on page 1703

29.1.10.10 DigestedData6

Definition: Digest computed on the identified data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1674
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1674
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1675
	Digest <Dgst>	[1..1]	Binary		1675

29.1.10.10.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "[Number](#)" on page 1762

29.1.10.10.2 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

DigestAlgorithm <DgstAlgo> contains the following elements (see "[AlgorithmIdentification36](#)" on page 1628 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1628

29.1.10.10.3 EncapsulatedContent <NcpsltdCntt>*Presence:* [1..1]*Definition:* Data on which the digest is computed.**EncapsulatedContent <NcpsltdCntt>** contains the following elements (see "[EncapsulatedContent3](#)" on page 1627 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1628
	Content <Cntt>	[0..1]	Binary		1628

29.1.10.10.4 Digest <Dgst>*Presence:* [1..1]*Definition:* Result of data-digesting process.*Datatype:* "[Max140Binary](#)" on page 1702**29.1.10.11 ContentInformationType40***Definition:* General cryptographic message syntax (CMS) containing encrypted data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1675
	EnvelopedData <EnvlpdData>	[1..1]	±		1676

29.1.10.11.1 ContentType <CnttTp>*Presence:* [1..1]*Definition:* Type of data protection.*Datatype:* "[ContentType2Code](#)" on page 1726

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).

29.1.10.11.2 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 "EnvelopedData11" on page 1652 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1654
	OriginatorInformation <OrgtrlInf>	[0..1]			1654
	Certificate <Cert>	[0..*]	Binary		1654
	Recipient <Rcpt>	[1..*]			1654
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1655
	Version <Vrsn>	[0..1]	Quantity		1656
	RecipientIdentification <RcptId>	[1..1]			1656
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1656
	Issuer <Issr>	[1..1]			1657
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1657
	AttributeType <AttrTp>	[1..1]	CodeSet		1657
	AttributeValue <AttrVal>	[1..1]	Text		1658
	SerialNumber <SrlNb>	[1..1]	Binary		1658
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1658
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1658
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1658
Or	KEK <KEK>	[1..1]			1659
	Version <Vrsn>	[0..1]	Quantity		1659
	KEKIdentification <KEKId>	[1..1]	±		1659
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1659
	Algorithm <Algo>	[1..1]	CodeSet		1660
	Parameter <Param>	[0..1]			1662
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1662
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1663
	BytePadding <BPddg>	[0..1]	CodeSet		1663
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1663
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1663
	EncryptedContent <NcrptdCntt>	[0..1]			1664
	ContentType <CnttTp>	[1..1]	CodeSet		1664
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			1664

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1665
	Parameter <Param>	[0..1]			1667
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1667
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1668
	BytePadding <BPddg>	[0..1]	CodeSet		1668
	EncryptedData <NcrptdData>	[1..1]	Binary		1668

29.1.10.12 ContentInformationType39

Definition: General cryptographic message syntax (CMS) containing protected data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

29.1.10.12.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1726

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).

29.1.10.12.2 EnvelopedData <EnvlpdData>

Presence: [0..1]

Definition: Data protection by encryption, with a session key.

EnvelopedData <EnvlpdData> contains the following elements (see "EnvelopedData11" on page 1652 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1654
	OriginatorInformation <OrgtrlInf>	[0..1]			1654
	Certificate <Cert>	[0..*]	Binary		1654
	Recipient <Rcpt>	[1..*]			1654
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1655
	Version <Vrsn>	[0..1]	Quantity		1656
	RecipientIdentification <RcptId>	[1..1]			1656
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1656
	Issuer <Issr>	[1..1]			1657
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1657
	AttributeType <AttrTp>	[1..1]	CodeSet		1657
	AttributeValue <AttrVal>	[1..1]	Text		1658
	SerialNumber <SrlNb>	[1..1]	Binary		1658
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1658
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1658
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1658
Or	KEK <KEK>	[1..1]			1659
	Version <Vrsn>	[0..1]	Quantity		1659
	KEKIdentification <KEKId>	[1..1]	±		1659
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1659
	Algorithm <Algo>	[1..1]	CodeSet		1660
	Parameter <Param>	[0..1]			1662
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1662
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1663
	BytePadding <BPddg>	[0..1]	CodeSet		1663
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1663
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1663
	EncryptedContent <NcrptdCntt>	[0..1]			1664
	ContentType <CnttTp>	[1..1]	CodeSet		1664
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			1664

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1665
	Parameter <Param>	[0..1]			1667
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1667
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1668
	BytePadding <BPddg>	[0..1]	CodeSet		1668
	EncryptedData <NcrptdData>	[1..1]	Binary		1668

29.1.10.12.3 AuthenticatedData <AuthntcdData>

Presence: [0..1]

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

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData10" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1642
	Recipient <Rcpt>	[1..*]			1643
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1643
	Version <Vrsn>	[0..1]	Quantity		1644
	RecipientIdentification <RcptId>	[1..1]			1644
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1644
	Issuer <Issr>	[1..1]			1645
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1645
	AttributeType <AttrTp>	[1..1]	CodeSet		1645
	AttributeValue <AttrVal>	[1..1]	Text		1646
	SerialNumber <SrlNb>	[1..1]	Binary		1646
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1646
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1646
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1646
Or	KEK <KEK>	[1..1]			1647
	Version <Vrsn>	[0..1]	Quantity		1647
	KEKIdentification <KEKId>	[1..1]	±		1647
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1647
	Algorithm <Algo>	[1..1]	CodeSet		1648
	Parameter <Param>	[0..1]			1650
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		1650
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		1651
	BytePadding <BPddg>	[0..1]	CodeSet		1651
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1651
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1651
	MACAlgorithm <MACAlgo>	[1..1]	±		1652
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1652
	MAC <MAC>	[1..1]	Binary		1652

29.1.10.12.4 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData9" on page 1668 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1669
	DigestAlgorithm <DgstAlgo>	[0..*]	±		1669
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		1670
	Certificate <Cert>	[0..*]	Binary		1670
	Signer <Sgnr>	[0..*]			1670
	Version <Vrsn>	[0..1]	Quantity		1671
	SignerIdentification <SgnrId>	[0..1]			1671
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1671
	Issuer <Issr>	[1..1]			1671
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1672
	AttributeType <AttrTp>	[1..1]	CodeSet		1672
	AttributeValue <AttrVal>	[1..1]	Text		1672
	SerialNumber <SrlNb>	[1..1]	Binary		1672
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		1673
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1673
	SignedAttributes <SgndAttrbts>	[0..*]			1673
	Name <Nm>	[1..1]	Text		1673
	Value <Val>	[0..1]	Text		1673
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1673
	Signature <Sgntr>	[1..1]	Binary		1674

29.1.10.12.5 DigestedData <DgstdData>

Presence: [0..1]

Definition: Data protected by a digest.

DigestedData <DgstData> contains the following elements (see "DigestedData6" on page 1674 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1674
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1674
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1675
	Digest <Dgst>	[1..1]	Binary		1675

29.1.10.13 ContentInformationType38

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		1683
	AuthenticatedData <AuthntcdData>	[0..1]	±		1683
	SignedData <SgndData>	[0..1]	±		1684

29.1.10.13.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1726

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).

29.1.10.13.2 AuthenticatedData <AuthntcdData>

Presence: [0..1]

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

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData10" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1642
	Recipient <Rcpt>	[1..*]			1643
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1643
	Version <Vrsn>	[0..1]	Quantity		1644
	RecipientIdentification <RcptId>	[1..1]			1644
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1644
	Issuer <Issr>	[1..1]			1645
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1645
	AttributeType <AttrTp>	[1..1]	CodeSet		1645
	AttributeValue <AttrVal>	[1..1]	Text		1646
	SerialNumber <SrlNb>	[1..1]	Binary		1646
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1646
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1646
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1646
Or	KEK <KEK>	[1..1]			1647
	Version <Vrsn>	[0..1]	Quantity		1647
	KEKIdentification <KEKId>	[1..1]	±		1647
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1647
	Algorithm <Algo>	[1..1]	CodeSet		1648
	Parameter <Param>	[0..1]			1650
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		1650
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		1651
	BytePadding <BPddg>	[0..1]	CodeSet		1651
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1651
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1651
	MACAlgorithm <MACAlgo>	[1..1]	±		1652
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1652
	MAC <MAC>	[1..1]	Binary		1652

29.1.10.13.3 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData9" on page 1668 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1669
	DigestAlgorithm <DgstAlgo>	[0..*]	±		1669
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		1670
	Certificate <Cert>	[0..*]	Binary		1670
	Signer <Sgnr>	[0..*]			1670
	Version <Vrsn>	[0..1]	Quantity		1671
	SignerIdentification <SgnrId>	[0..1]			1671
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1671
	Issuer <Issr>	[1..1]			1671
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1672
	AttributeType <AttrTp>	[1..1]	CodeSet		1672
	AttributeValue <AttrVal>	[1..1]	Text		1672
	SerialNumber <SrlNb>	[1..1]	Binary		1672
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		1673
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1673
	SignedAttributes <SgndAttrbts>	[0..*]			1673
	Name <Nm>	[1..1]	Text		1673
	Value <Val>	[0..1]	Text		1673
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1673
	Signature <Sgntr>	[1..1]	Binary		1674

29.1.10.14 ContentInformationType37

Definition: General cryptographic message syntax (CMS) containing authenticated data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1685
	AuthenticatedData <AuthntcdData>	[1..1]	±		1686

29.1.10.14.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1726

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).

29.1.10.14.2 AuthenticatedData <AuthntcdData>

Presence: [1..1]

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

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData10" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1642
	Recipient <Rcpt>	[1..*]			1643
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1643
	Version <Vrsn>	[0..1]	Quantity		1644
	RecipientIdentification <RcptId>	[1..1]			1644
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1644
	Issuer <Issr>	[1..1]			1645
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1645
	AttributeType <AttrTp>	[1..1]	CodeSet		1645
	AttributeValue <AttrVal>	[1..1]	Text		1646
	SerialNumber <SrlNb>	[1..1]	Binary		1646
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1646
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1646
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1646
Or	KEK <KEK>	[1..1]			1647
	Version <Vrsn>	[0..1]	Quantity		1647
	KEKIdentification <KEKId>	[1..1]	±		1647
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1647
	Algorithm <Algo>	[1..1]	CodeSet		1648
	Parameter <Param>	[0..1]			1650
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1650
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		1651
	BytePadding <BPddg>	[0..1]	CodeSet		1651
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1651
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1651
	MACAlgorithm <MACAlgo>	[1..1]	±		1652
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1652
	MAC <MAC>	[1..1]	Binary		1652

29.1.10.15 CryptographicKey18

Definition: Cryptographic Key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1688
	AdditionalIdentification <AddtlId>	[0..1]	Binary		1688
	Name <Nm>	[0..1]	Text		1689
	SecurityProfile <SctyPrfl>	[0..1]	Text		1689
	ItemNumber <ItmNb>	[0..1]	Text		1689
	Version <Vrsn>	[1..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	Function <Fctn>	[0..*]	CodeSet		1690
	ActivationDate <ActvtnDt>	[0..1]	DateTime		1690
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		1691
	KeyValue <KeyVal>	[0..1]	±		1691
	ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>	[0..*]			1691
	Identification <Id>	[1..1]	Text		1691
	Type <Tp>	[1..1]	CodeSet		1691
	ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>	[0..*]	±		1692
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		1692
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			1692
	Name <Nm>	[1..1]	Text		1692
	Value <Val>	[0..1]	Text		1693

29.1.10.15.1 Identification <Id>

Presence: [1..1]

Definition: Name of the cryptographic key.

Datatype: "Max350Text" on page 1765

29.1.10.15.2 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 1703

29.1.10.15.3 Name <Nm>*Presence:* [0..1]*Definition:* Name of the Cryptographic Element.*Datatype:* "Max256Text" on page 1765**29.1.10.15.4 SecurityProfile <SctyPrfl>***Presence:* [0..1]*Definition:* Identification of the set of security elements to which this element belongs.*Datatype:* "Max35Text" on page 1766**29.1.10.15.5 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 1766**29.1.10.15.6 Version <Vrsn>***Presence:* [1..1]*Definition:* Version of the cryptographic key.*Datatype:* "Max256Text" on page 1765**29.1.10.15.7 Type <Tp>***Presence:* [0..1]*Definition:* Type of algorithm used by the cryptographic key.*Datatype:* "CryptographicKeyType3Code" on page 1727

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

CodeName	Name	Definition
		Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE4	DES168	Data encryption standard key of 168 bits (without the parity bits).

29.1.10.15.8 Function <Fctn>

Presence: [0..*]

Definition: Allowed usage of the key.

Datatype: "KeyUsage1Code" on page 1733

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.

29.1.10.15.9 ActivationDate <ActvtnDt>

Presence: [0..1]

Definition: Date and time on which the key must be activated.

Datatype: "ISODatetime" on page 1759

29.1.10.15.10 DeactivationDate <DeactvtnDt>*Presence:* [0..1]*Definition:* Date and time on which the key must be deactivated.*Datatype:* "ISODatetime" on page 1759**29.1.10.15.11 KeyValue <KeyVal>***Presence:* [0..1]*Definition:* Encrypted cryptographic key.**KeyValue <KeyVal>** contains the following elements (see "ContentInformationType39" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <DgstdData>	[0..1]	±		1682

29.1.10.15.12 ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>*Presence:* [0..*]*Definition:* Identification of components which are allowed to access this cryptographic key.**ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>** contains the following **GenericIdentification186** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1691
	Type <Tp>	[1..1]	CodeSet		1691

29.1.10.15.12.1 Identification <Id>*Presence:* [1..1]*Definition:* Identification of an element in the system.*Datatype:* "Max256Text" on page 1765**29.1.10.15.12.2 Type <Tp>***Presence:* [1..1]*Definition:* Type of actor in the system.*Datatype:* "PartyType7Code" on page 1743

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.

CodeName	Name	Definition
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.

29.1.10.15.13 ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>

Presence: [0..*]

Definition: Protection of Identification of components which are allowed to access this cryptographic key.

ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs> contains the following elements (see "[ContentInformationType39](#)" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1678
	EnvelopedData <EnvlpdData>	[0..1]	±		1678
	AuthenticatedData <AuthntcdData>	[0..1]	±		1680
	SignedData <SgndData>	[0..1]	±		1681
	DigestedData <Dgstddata>	[0..1]	±		1682

29.1.10.15.14 KeyCheckValue <KeyChckVal>

Presence: [0..1]

Definition: Value for checking a cryptographic key security parameter.

Datatype: "[Max35Binary](#)" on page 1703

29.1.10.15.15 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		1692
	Value <Val>	[0..1]	Text		1693

29.1.10.15.15.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "Max70Text" on page 1767

29.1.10.15.15.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "Max140Text" on page 1764

29.1.11 Structured Postal Address

29.1.11.1 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		1693
	PostCodeIdentification <PstCdId>	[1..1]	Text		1693
	TownName <TwnNm>	[1..1]	Text		1693
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1693
	Country <Ctry>	[1..1]	CodeSet	C2	1694

29.1.11.1.1 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1767

29.1.11.1.2 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 1764

29.1.11.1.3 TownName <TwnNm>

Presence: [1..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max35Text" on page 1766

29.1.11.1.4 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country for example, state, region, county.

Datatype: "Max35Text" on page 1766

29.1.11.1.5 Country <Ctry>

Presence: [1..1]

Definition: Nation with its own government.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 1727

Constraints

- **Country**

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

29.1.12 Synchronisation

29.1.12.1 ProcessRetry3

Definition: Definition of retry process if activation of an action fails.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		1694
	MaximumNumber <MaxNb>	[0..1]	Quantity		1694
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1694

29.1.12.1.1 Delay <Dely>

Presence: [1..1]

Definition: Time period to wait for a retry in months, days, hours and minutes, leading zeros could be omitted.

Datatype: "Max9NumericText" on page 1768

29.1.12.1.2 MaximumNumber <MaxNb>

Presence: [0..1]

Definition: Maximum number of retries.

Datatype: "Number" on page 1762

29.1.12.1.3 UnitOfTime <UnitOfTm>

Presence: [0..1]

Definition: Identification of the minimum unit of time used by time configuration parameters.

Datatype: "TimeUnit1Code" on page 1753

CodeName	Name	Definition
DAYC	CalendarDay	Time unit is calendar day.
HOURL	Hour	Time unit is hour.
MINU	Minute	Time unit is minute.

CodeName	Name	Definition
MNTH	Month	Time unit is month.
SECO	Second	Time unit is second.
WEEK	Week	Time unit is week.
YEAR	Year	Time unit is year.

29.1.12.2 ProcessTiming6

Definition: Parameters defining the timing conditions to process an action.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		1695
	EndTime <EndTm>	[0..1]	DateTime		1695
	Period <Prd>	[0..1]	Text		1695
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1695

29.1.12.2.1 StartTime <StartTm>

Presence: [0..1]

Definition: Date and time to start the action.

Datatype: "ISODatetime" on page 1759

29.1.12.2.2 EndTime <EndTm>

Presence: [0..1]

Definition: Date and time after which the action cannot be processed.

Datatype: "ISODatetime" on page 1759

29.1.12.2.3 Period <Prd>

Presence: [0..1]

Definition: Period delay between cyclic action activation in months, days, hours and minutes, leading zeros could be omitted.

Datatype: "Max9NumericText" on page 1768

29.1.12.2.4 UnitOfTime <UnitOfTm>

Presence: [0..1]

Definition: Identification of the minimum unit of time used by time configuration parameters.

Datatype: "TimeUnit1Code" on page 1753

CodeName	Name	Definition
DAYC	CalendarDay	Time unit is calendar day.
HOUR	Hour	Time unit is hour.
MINU	Minute	Time unit is minute.

CodeName	Name	Definition
MNTH	Month	Time unit is month.
SECO	Second	Time unit is second.
WEEK	Week	Time unit is week.
YEAR	Year	Time unit is year.

29.1.13 Token

29.1.13.1 Token1

Definition: Unencrypted sensitive data of a token.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1696
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1696
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1696
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1696
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1697
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1697

29.1.13.1.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 1764

29.1.13.1.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "Exact4NumericText" on page 1763

29.1.13.1.3 TokenRequestorIdentification <TknRqstrld>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 1764

29.1.13.1.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 1764

29.1.13.1.5 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 1765**29.1.13.1.6 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 1761):

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

29.1.13.2 MerchantToken2*Definition:* Merchant token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		1697
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1697
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1698
	TokenRequestor <TknRqstr>	[0..1]			1698
	ProviderIdentification <PrvdrId>	[1..1]	Text		1698
	RequestorIdentification <RqstrId>	[1..1]	Text		1698
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1698
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1698
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1698
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1699

29.1.13.2.1 Token <Tkn>*Presence:* [0..1]*Definition:* Surrogate value of the PAN.*Datatype:* "Max35Text" on page 1766**29.1.13.2.2 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 1763

29.1.13.2.3 TokenCharacteristic <TknChrtc>*Presence:* [0..*]*Definition:* Additional payment token information.*Datatype:* "Max35Text" on page 1766**29.1.13.2.4 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		1698
	RequestorIdentification <RqstrId>	[1..1]	Text		1698

29.1.13.2.4.1 ProviderIdentification <PrvdrId>*Presence:* [1..1]*Definition:* Identifier of the token provider.*Datatype:* "Max35Text" on page 1766**29.1.13.2.4.2 RequestorIdentification <RqstrId>***Presence:* [1..1]*Definition:* Identifier of the token requestor.*Datatype:* "Max35Text" on page 1766**29.1.13.2.5 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 1762**29.1.13.2.6 TokenAssuranceData <TknAssrncData>***Presence:* [0..1]*Definition:* Information about the identification and verification of the cardholder.*Datatype:* "Max500Binary" on page 1704**29.1.13.2.7 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 1765

29.1.13.2.8 TokenInitiatedIndicator <TknInittndInd>*Presence:* [0..1]*Definition:* Original transaction was initiated by Token.*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1761):

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

29.1.13.3 CardPaymentToken5*Definition:* Payment token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		1699
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1699
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1699
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1700
	TokenRequestor <TknRqstr>	[0..1]			1700
	ProviderIdentification <PrvdrlId>	[1..1]	Text		1700
	RequestorIdentification <RqstrId>	[1..1]	Text		1700
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1700
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1700
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1700
	TokenInitiatedIndicator <TknInittndInd>	[0..1]	Indicator		1701

29.1.13.3.1 Token <Tkn>*Presence:* [0..1]*Definition:* Surrogate value of the PAN.*Datatype:* ["Min8Max28NumericText"](#) on page 1769**29.1.13.3.2 CardSequenceNumber <CardSeqNb>***Presence:* [0..1]*Definition:* Identify a payment token inside a set of cards with the same PAN.*Datatype:* ["Min2Max3NumericText"](#) on page 1768**29.1.13.3.3 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 1763

29.1.13.3.4 TokenCharacteristic <TknChrtc>*Presence:* [0..*]*Definition:* Additional payment token information.*Datatype:* "Max35Text" on page 1766**29.1.13.3.5 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		1700
	RequestorIdentification <RqstrId>	[1..1]	Text		1700

29.1.13.3.5.1 ProviderIdentification <PrvdrId>*Presence:* [1..1]*Definition:* Identifier of the token provider.*Datatype:* "Max35Text" on page 1766**29.1.13.3.5.2 RequestorIdentification <RqstrId>***Presence:* [1..1]*Definition:* Identifier of the token requestor.*Datatype:* "Max35Text" on page 1766**29.1.13.3.6 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 1762**29.1.13.3.7 TokenAssuranceData <TknAssrncData>***Presence:* [0..1]*Definition:* Information about the identification and verification of the cardholder.*Datatype:* "Max500Binary" on page 1704**29.1.13.3.8 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 1765

29.1.13.3.9 TokenInitiatedIndicator <TknInittInd>

- Presence: [0..1]
- Definition: Original transaction was initiated by Token.
- Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1761):
- Meaning When True: True
 - Meaning When False: False

29.2 Message Datatypes

29.2.1 Amount

29.2.1.1 ActiveCurrencyAndAmount

- Definition: A number of monetary units specified in an active currency where the unit of currency is explicit and compliant with ISO 4217.
- Type: Amount
- This data type contains the following XML attribute:

Name	Attribute XML Name	Datatype
Currency	Ccy	"ActiveCurrencyCode" on page 1705

Format

minInclusive	0
totalDigits	18
fractionDigits	5

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.
- **CurrencyAmount**
The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

29.2.1.2 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

29.2.2 Binary

29.2.2.1 Max10000Binary

Definition: Specifies a binary string with a maximum length of 10000 binary bytes.

Type: Binary

Format	
minLength	1
maxLength	10000

29.2.2.2 Max100KBinary

Definition: Binary data of 100K maximum.

Type: Binary

Format	
minLength	1
maxLength	102400

29.2.2.3 Max10KBinary

Definition: Binary data of 10K maximum.

Type: Binary

Format	
minLength	1
maxLength	10240

29.2.2.4 Max140Binary

Definition: Specifies a binary string with a maximum length of 140 binary bytes.

Type: Binary

Format	
minLength	1
maxLength	140

29.2.2.5 Max2KBinary

Definition: Binary data of 2K maximum.

Type: Binary

Format

minLength	1
maxLength	2048

29.2.2.6 Max2MBBinary

Definition: Binary data of 2MB maximum.

Type: Binary

Format

minLength	1
maxLength	2097152

29.2.2.7 Max3000Binary

Definition: Specifies a binary string with a maximum length of 3000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	3000

29.2.2.8 Max35Binary

Definition: Specifies a binary string with a maximum length of 35 binary bytes.

Type: Binary

Format

minLength	1
maxLength	35

29.2.2.9 Max5000Binary

Definition: Specifies a binary string with a maximum length of 5000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	5000

29.2.2.10 Max500Binary

Definition: Specifies a binary string with a maximum length of 500 binary bytes.

Type: Binary

Format

minLength	1
maxLength	500

29.2.3 CodeSet

29.2.3.1 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.

29.2.3.2 ActionType13Code

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.

CodeName	Name	Definition
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.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.

29.2.3.3 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.

29.2.3.4 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.

29.2.3.5 Algorithm26Code

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).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

29.2.3.6 Algorithm27Code

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

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).
S34C	SM3SM4CBC	ShangMi 4 enciphering method used in CBC mode coupled with ShangMi 3 hash function.
S34R	SM3SM4CTR	ShangMi 4 enciphering method used in CTR mode coupled with ShangMi 3 hash function.

29.2.3.7 Algorithm28Code

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.

CodeName	Name	Definition
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 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

CodeName	Name	Definition
		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).
SM4C	SM4CBC	ShangMi 4 enciphering method used in CBC mode.
SM4R	SM4CTR	ShangMi 4 enciphering method used in CTR mode.

29.2.3.8 Algorithm29Code

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 -

CodeName	Name	Definition
		(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).
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ED32	EcdsaSha3-256	Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ED33	EcdsaSha3-384	Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED23	EcdsaSha384	Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ED25	EcdsaSha512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES22	EcdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcdsaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ES33	EcdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES23	EcdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcdsaSha512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED22	EcdsaSha256	Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF32	EcdsaSha3-256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.

CodeName	Name	Definition
EF22	EcfdsdaSha256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF33	EcfdsdaSha3-384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF35	EcfdsdaSha3-512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EF23	EcfdsdaSha384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO33	EcosdsaSha3-384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF25	EcfdsdaSha512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
EO32	EcosdaSha3-256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EO22	EcosdsaSha256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EO35	EcosdsaSha3-512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EO23	EcosdsaSha384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO25	EcosdsaSha512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
DD22	EddsaSha256	Edward Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
DD32	EddsaSha3-256	Edward Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
DD33	EddsaSha3-384	Edward Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
DD35	EddsaSha3-512	Edward Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
DD23	EddsaSha384	Edward Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
DD25	EddsaSha512	Edward Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.

CodeName	Name	Definition
SM22	SM2Sha256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
SM33	SM2Sha3-384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
SM32	SM2Sha3-256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
SM35	SM2Sha3-512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
SM23	SM2Sha384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
SM25	SM2Sha512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
S2S3	SM2SM3	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with ShangMi3 Digest Algorithm.

29.2.3.9 Algorithm7Code

Definition: Asymmetric encryption algorithm of a transport key.

Type: CodeSet

CodeName	Name	Definition
ERSA	RSASignature	RSA signature algorithm - (ASN.1 Object Identifier: rsaSignature).
RSAO	RSASignature	RSA signature algorithm - (ASN.1 Object Identifier: id-RSASignature).
ERSA	RSASignature	RSA signature algorithm - (ASN.1 Object Identifier: rsaSignature).
RSAO	RSASignature	RSA signature algorithm - (ASN.1 Object Identifier: id-RSASignature).

29.2.3.10 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).

29.2.3.11 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.

29.2.3.12 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.

29.2.3.13 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.

29.2.3.14 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).

29.2.3.15 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.

29.2.3.16 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.

29.2.3.17 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.

29.2.3.18 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.

29.2.3.19 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.

29.2.3.20 BusinessArea2Code

Definition: Specifies the business context of the transaction

Type: CodeSet

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

29.2.3.21 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.

29.2.3.22 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.
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.
UURL	Universal	Universal account.

CodeName	Name	Definition
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

29.2.3.23 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 (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.

29.2.3.24 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

CodeName	Name	Definition
		(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.)

29.2.3.25 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.
NFLB	NoFallback	No card fall-back during the transaction in progress.

29.2.3.26 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).

CodeName	Name	Definition
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.

29.2.3.27 CardIdentificationType1Code

Definition: Type of account identification.

Type: CodeSet

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.
UUID	UniversalUniquelIdentification	A Universal Unique Identification code is set for identification.

29.2.3.28 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.
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.

CodeName	Name	Definition
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.

29.2.3.29 CardPaymentServiceType14Code

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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

29.2.3.30 CardPaymentServiceType5Code

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.

CodeName	Name	Definition
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.

29.2.3.31 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.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.

CodeName	Name	Definition
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

29.2.3.32 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.

29.2.3.33 CheckType1Code

Definition: Type of bank check.

Type: CodeSet

CodeName	Name	Definition
BANK	BankCheck	The check is guaranteed by a bank.
BUSI	BusinessCheck	The check belongs to a Company or a professional entity.
GOVC	GovernmentCheck	Check issued by Government.
PAYR	PayrollCheck	Check issued by a company for the employees.
PERS	PersonalCheck	The check belongs to an individual.

29.2.3.34 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).

CodeName	Name	Definition
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).

29.2.3.35 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).

29.2.3.36 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).

29.2.3.37 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.

29.2.3.38 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.
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.

CodeName	Name	Definition
RCLE	ReconciliationError	Batch of transaction that have generated an error in the totals of the reconciliation.

29.2.3.39 DocumentType7Code

Definition: Specifies a type of financial or commercial document.

Type: CodeSet

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

29.2.3.40 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.

29.2.3.41 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.

CodeName	Name	Definition
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.

29.2.3.42 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.

CodeName	Name	Definition
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

29.2.3.43 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.
DAIL	Daily	Event takes place every day.
TEND	TenDays	Event takes place every ten business days.

29.2.3.44 GracePeriodUnitType1Code

Definition: Contains the details of the grace period applicable to the instalment.

Type: CodeSet

CodeName	Name	Definition
WEKS	Weeks	Grace period weeks.
PMTS	Payments	Grace period payments.
OTHP	OtherPrivate	Other Private Grace period.
OTHN	OtherNational	Other National Grace period.
MNTH	Months	Grace period months.
DAYS	Days	Grace period days.

29.2.3.45 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.

CodeName	Name	Definition
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.

29.2.3.46 InstalmentAmountDetailsType1Code

Definition: Contains the details of the grace period applicable to the instalment.

Type: CodeSet

CodeName	Name	Definition
TAXX	Tax	Instalment amount tax
RQST	Requested	Requested amount
OTHP	OtherPrivate	Grace period unit type
OTHN	OtherNational	Grace period unit type
OTHC	OtherCharges	Other amounts
INSU	Insurance	Insurance amount
FUNA	Funded	Funded amount
FEES	Fees	Fees amount
EXPN	Expense	Expense Amount
AFCO	AnnualFinancingCost	Total financing cost per annum.

29.2.3.47 InstalmentPeriod1Code

Definition: Instalment period.

Type: CodeSet

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

29.2.3.48 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.

29.2.3.49 InterestRate1Code

Definition: Contains the list of interest rates.

Type: CodeSet

CodeName	Name	Definition
GSRT	GrossRate	Gross interest rate of the instalment
NTRT	NetRate	Net interest rate of the instalment
OTHN	OtherNational	Other interest rate of the instalment
OTHP	OtherPrivate	Other interest rate of the instalment

29.2.3.50 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}

29.2.3.51 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.
KEYX	KeyExport	Key may export keys.
KEYD	KeyDerivation	Key may derive keys.

29.2.3.52 LanguageCode

Definition: Specifies a language.

Type: CodeSet

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.2.3.53 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.

CodeName	Name	Definition
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.

29.2.3.54 LocationCategory4Code

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

Type: CodeSet

CodeName	Name	Definition
ABRD	Aboard	Aboard is used when the sale is done in a vehicle (e.g a bus, train, ship, airplane, taxi, etc).
NMDC	Nomadic	Nomadic is used when the merchant is traveling to different locations (e.g fair or sport events, home delivery, food truck).
FIXD	PhysicalShop	Fixed location, for example in a shop.
VIRT	VirtualShop	Virtual Shop is used for any ecommerce solution.

29.2.3.55 LoyaltyHandling1Code

Definition: Possible types of Loyalty processing.

Type: CodeSet

CodeName	Name	Definition
ALLO	Allowed	The loyalty is accepted, but the POI has not to require or ask a loyalty card. The loyalty is involved by the payment card (e.g. an hybrid or linked card).
DENY	Forbidden	No loyalty card to read and loyalty transaction to process. Any attempt to enter a pure loyalty card is rejected.
PRCS	Processed	The loyalty transaction is already processed, no loyalty card or loyalty transaction to process.
PROP	Proposed	The loyalty is accepted, and the POI has to ask a loyalty card. If the Customer does not enter a loyalty card, no loyalty transaction is realised.

CodeName	Name	Definition
REQU	Required	The loyalty is required, and the POI refuses the processing of the message request if the cardholder does not enter a loyalty card.

29.2.3.56 LoyaltyTypeTransactionTotals1Code

Definition: Type of Loyalty transaction.

Type: CodeSet

CodeName	Name	Definition
AWRD	Award	Direct or payment related award on a loyalty account. Award alone, award associated to a payment (may be with an additional award alone), award because of a payment resulting on rebates.
REBA	Rebate	Rebate on a total amount, sale item amount, or sale items.
REDE	Redemption	Redemption on a loyalty account.
AWRR	ReverseAward	Refund of a loyalty award transaction.
REBR	ReverseRebate	Refund of a loyalty rebate transaction.
REDR	ReverseRedemption	Refund of a loyalty redemption transaction.

29.2.3.57 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.

29.2.3.58 MessageFunction46Code

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.

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.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

29.2.3.59 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.

29.2.3.60 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).

29.2.3.61 NonFinancialRequestType2Code

Definition: Type of non financial request that could be processed between an Acceptor and an Intermediary Agent or an Acquirer.

Type: CodeSet

CodeName	Name	Definition
ACQR	AcquirerSelection	According to several parameters of a transaction, an Intermediary Agent helps an Acceptor to identify the more relevant Acquirer to process the transaction.

CodeName	Name	Definition
PARQ	ParRequest	The Intermediary Agent or Acquirer provides the PaymentAccountReference to use to process the transaction.
RISK	RiskManagement	The Intermediary Agent or Acquirer helps the Acceptor to assess the risk management of the transaction.
TOKN	TokenRequest	The Intermediary Agent or Acquirer provides the token to use to process the transaction.
ADDR	AdditionalRequest	Indicates a request which implies to receive additional information.
INSM	InstalmentPlanRequest	Request to receive acquirer instalment plans.

29.2.3.62 NonFinancialResponseRisk1Code

Definition: Type of risk management answer from an Acquirer (or its IntermediaryAgent) to aPOI through a NonFinancialResponse.

Type: CodeSet

CodeName	Name	Definition
DECL	Decline	A decline of the transaction is expected by the POI to manage risk.
NCHG	LocallyManaged	The POI is able to assess the risk by himself.
ONLN	RequestOnline	An authorisation is expected from the POI to manage risk.

29.2.3.63 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.

29.2.3.64 OnLineReason2Code

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.

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.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

29.2.3.65 Operator1Code

Definition: Code containing the operator used to indicate the relationship between a variable and a fixed value.

Type: CodeSet

CodeName	Name	Definition
SMAL	SmallerThan	Smaller than.
SMEQ	SmallerOrEqualTo	Smaller or equal to.
GREA	GreaterThan	Greater than.
GREQ	GreaterOrEqualTo	Greater or equal to.
EQAL	EqualTo	Equal to.

29.2.3.66 OutputFormat1Code

Definition: Message format.

Type: CodeSet

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.

29.2.3.67 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.

29.2.3.68 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.

29.2.3.69 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.

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.
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.

29.2.3.70 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	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.

29.2.3.71 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.

CodeName	Name	Definition
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.

29.2.3.72 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.

29.2.3.73 PaymentInstrumentType1Code

Definition: Type of payment instrument.

Type: CodeSet

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.

29.2.3.74 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.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

29.2.3.75 PlanOwner1Code

Definition: Contains list of plan owners

Type: CodeSet

CodeName	Name	Definition
ACCP	Acceptor	Plan owner is an acceptor.
ACQR	Acquirer	Plan owner is an acquirer.
ISSR	Issuer	Plan owner is an issuer.
OTHN	OtherNational	plan owner type is other national.
OTHP	OtherPrivate	plan owner type is other private.

29.2.3.76 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.

CodeName	Name	Definition
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.

29.2.3.77 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.
EVAL	Evaluation	Evaluation by a lab or a tool.

29.2.3.78 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.

29.2.3.79 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.
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.

29.2.3.80 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.

29.2.3.81 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%

29.2.3.82 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.

CodeName	Name	Definition
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.

29.2.3.83 Response11Code

Definition: Result of the processing of the message

Type: CodeSet

CodeName	Name	Definition
WARN	Warning	An additional Response Code, mainly a functional one, should be considered to identify the outcome of the request.
FAIL	Failure	Processing of the request fails for various reasons. Some further processing according to the type of requested service, the context of the process, and some additional precision about the failure notified in the ErrorCondition data element.
SUCC	Success	Processing OK. Information related to the result of the processing is contained in other parts of the response message.

29.2.3.84 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).

29.2.3.85 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.

CodeName	Name	Definition
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

29.2.3.86 RetailerResultDetail1Code

Definition: Result of the processing of the message

Type: CodeSet

CodeName	Name	Definition
ABRT	Aborted	The Initiator of the request has sent an Abort message request, which was accepted and processed.
BUSY	Busy	The system is busy, try later.
CANC	Cancel	The user has aborted the transaction on the PED keyboard, for instance during PIN entering.
DEVO	DeviceOut	Device out of order.
WPIN	WrongPIN	The user has entered the PIN on the PED keyboard and the verification fails.
NHOS	UnreachableHost	Acquirer or any host is unreachable or has not answered to an online request, so is considered as temporary unavailable. Depending on the Sale context, the request could be repeated (to be compared with "Refusal").
UNVS	UnavailableService	The service is not available (not implemented, not configured, protocol version too old...).
UNVD	UnavailableDevice	The hardware is not available (absent, not configured...).
REFU	Refusal	The transaction is refused by the host or by the local rules associated to the card or the POI.
PAYR	PaymentRestriction	Some sale items are not payable by the card proposed by the Customer.
TNFD	NotFound	The transaction is not found (e.g. for a reversal or a repeat).
NALW	NotAllowed	A service request is sent during a Service dialogue. A combination of services not possible to provide. During the DeviceInitialisationCardReader message processing, the user has entered a card which has to be protected by the POI, and cannot be processed with this device request from the external, and then the Sale System.
LOUT	LoggedOut	Not logged in.
IVCA	InvalidCard	The card entered by the Customer cannot be processed by the POI

CodeName	Name	Definition
		because this card is not configured in the system.
ICAR	InsertedCard	If the Input Device request a NotifyCardInputFlag and the Customer enters a card in the card reader without answers to the Input command, the POI abort the Input command processing, and answer a dedicated ErrorCondition value in the Input response message.
WIPG	InProgress	The transaction is still in progress and then the command cannot be processed.

29.2.3.87 RetailerService3Code

Definition: List of specific services for ServiceResponse.

Type: CodeSet

CodeName	Name	Definition
FSPP	FinancialPaymentResponse	The POI System sends a response to a payment request (Purchase/refund/PWCB/MOTO Payment/...).
FSRP	FinancialReversalResponse	The POI System sends a response to a reversal request.
FSIP	FinancialBalanceInquiryResponse	The POI System sends a response to a Balance Inquiry request.
FSBP	FinancialBatchResponse	The POI System sends a response to a batch processing request.
FSLP	FinancialLoyaltyResponse	The POI System sends a response to a loyalty processing request.
FSVP	FinancialStoredValueResponse	The POI System sends a response to a stored value card or account request.
FSEP	FinancialEnableServiceResponse	The POI System sends a response after enabling or not some service.
FSAP	FinancialCardAcquisitionResponse	The POI System sends a response to a card data acquisition request.
FSCP	FinancialReconciliationResponse	The POI System sends a response to a reconciliation request.

29.2.3.88 RetailerService6Code

Definition: List of specific services for ReportRequest.

Type: CodeSet

CodeName	Name	Definition
RPTQ	AdministrativeReportTransactionRequest	The Sale System requests to the POI System a report on a list of transactions.
RPAQ	AdministrativeReportGetTotalsRequest	The Sale System requests to the POI System a report on the totals figures of the POI system.

29.2.3.89 RetailerService7Code

Definition: List of specific services for ReportResponse.

Type: CodeSet

CodeName	Name	Definition
RPTP	AdministrativeReportTransactionResponse	The POI System responds to a transaction report request.
RPAP	AdministrativeReportGetTotalsResponse	The POI System responds to a totals figures request.

29.2.3.90 SaleCapabilities1Code

Definition: Hardware capabilities of the Sale Terminal.

Type: CodeSet

CodeName	Name	Definition
CHDI	CashierDisplay	Standard Cashier display interface (to ask question, or to show information).
CHER	CashierError	To display to the Cashier information related to an error situation occurring on the POI.
CHIN	CashierInput	Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element). The output device attached to this input device is the CashierDisplay device.
CHST	CashierStatus	To display to the Cashier a new state on which the POI is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.
CUDI	CustomerDisplay	Standard Customer display interface used by the POI System to ask question, or to show information to the Customer inside a Service dialogue.
CUAS	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.
CUER	CustomerError	To display to the Customer information is related to an error situation occurring on the Sale Terminal during a Sale transaction.
CUIN	CustomerInput	Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element).
POIR	POIReplication	Information displayed on the Cardholder POI interface, replicated on the Cashier interface.
PRDC	PrinterDocument	When the POI System wants to print specific document (check, dynamic currency conversion ...).

CodeName	Name	Definition
PRRP	PrinterReceipt	Printer for the Payment receipt.
PRVC	PrinterVoucher	Coupons, voucher or special ticket generated by the POI and to be printed.

29.2.3.91 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.

29.2.3.92 StoredValueAccountType1Code

Definition: Type of stored value account.

Type: CodeSet

CodeName	Name	Definition
BNKA	BankPrepaidAccount	Prepaid account managed by a financial institution for low income customers.
CWVC	CarwashVoucher	Car wash specific account.
CPYA	CompanyPrepaidAccount	Specific prepaid account for companies or professionals expenses.
ELMY	ElectronicMoneyAccount	Account supporting e-money issued by an electronic money issuer.
GIFT	GiftCard	Payment mean issued by retailers or banks as a substitute to a non-monetary gift. Usually, this Stored Value item is used only once.
GCER	GiftCertificate	Certificate to be given to a customer. Usually one shot voucher.
MLVC	MealVoucher	Meal and check voucher for restaurants.
OLVC	OnlineVoucher	Voucher that can be used online once or in several times.
MERC	MerchantAccount	Prepaid account open with a merchant or big retailers.
OTHR	OtherPrepaidAccount	Other non listed stored value instrument.
PHON	PhoneCard	Stored value instrument used to pay telephone services (e.g. card or identifier).
CARD	SmartCardTag	Stored value account hold on the chip of a smart card.
TRVL	Travel	Travel prepaid account.

29.2.3.93 StoredValueTransactionType3Code

Definition: Identification of operation to proceed on the stored value account or the stored value card.

Type: CodeSet

CodeName	Name	Definition
ACTV	Activate	Activate the account or the card.
DUPL	Duplicate	Duplicate the code or number provided by the loading or activation.
LOAD	Load	Load the account or the card with money.
RESV	Reserve	Reserve the account (e.g. get an activation code).
REVS	Reverse	Reverse an activation or loading.
ULOA	Unload	Unload the account.
CLOS	CloseAccount	Close the account.
DCTV	Deactivate	Deactivate the account or the card.
OPEN	OpenAccount	Open the account.
BALC	Balance	Balance enquiry.

29.2.3.94 SupportedPaymentOption2Code

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).
INSI	IssuerInstalment	The sender support IssuerInstalment proposals to the Cardholder.
PINQ	PINRequest	The sender is able to support Single Tap transaction.

29.2.3.95 TimeUnit1Code

Definition: Unit of time associated with the contract.

Type: CodeSet

CodeName	Name	Definition
DAYC	CalendarDay	Time unit is calendar day.
HOUR	Hour	Time unit is hour.
MINU	Minute	Time unit is minute.
MNTH	Month	Time unit is month.

CodeName	Name	Definition
SECO	Second	Time unit is second.
WEEK	Week	Time unit is week.
YEAR	Year	Time unit is year.

29.2.3.96 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.

29.2.3.97 TotalDetails1Code

Definition: Indicates the hierarchical structure of the reconciliation result of the Sale to POI reconciliation.

Type: CodeSet

CodeName	Name	Definition
OPID	PerCashierIdentification	Give the totals result per Operator Identification value.
PIID	PerPOIIdentification	Give the totals result per POI Identification value.
TGID	PerTotalsGroup	Give the totals result per Totals Group Identification value.
SNID	PerShiftNumber	Give the totals result per Shift Number Identification value.
SAID	PerSaleIdentification	Give the totals result per Sale Identification value.

29.2.3.98 TrackFormat1Code

Definition: Use to identify format of a track on a card or other documents like checks.

Type: CodeSet

CodeName	Name	Definition
AAMV	AAMVAFormat	American driver license.
CMC7	CMC7CheckFormat	Magnetic Ink Character Recognition, using the CMC-7 font - ISO 1004 Line at the bottom of a check containing the bank account and the check number.

CodeName	Name	Definition
E13B	E13BCheckFormat	Magnetic Ink Character Recognition, using the E-13B font) Line at the bottom of a check containing the bank account and the check number.
ISOF	ISOFormat	ISO card track format - ISO 7813 - ISO 4909.
JIS1	JISIFormat	Japanese track format I.
JIS2	JISIIFormat	Japanese track format II.

29.2.3.99 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.

29.2.3.100 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.

29.2.3.101 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.
RESD	Reserved	Reserved or updated reserved amount for reservation.

29.2.3.102 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.

29.2.3.103 TypeTransactionTotals3Code

Definition: Additional attribute of the service type for 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.
RESV	Reservation	Outstanding Reservation transactions.

29.2.3.104 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.
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.

CodeName	Name	Definition
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.

29.2.3.105 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.

29.2.3.106 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.

29.2.4 Date

29.2.4.1 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

29.2.5 DateTime

29.2.5.1 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

29.2.6 IdentifierSet

29.2.6.1 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.

29.2.6.2 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}

29.2.6.3 IBAN2007Identifier

Definition: The International Bank Account Number is a code used internationally by financial institutions to uniquely identify the account of a customer at a financial institution as described in the 2007 edition of the ISO 13616 standard "Banking and related financial services - International Bank Account Number (IBAN)" and replaced by the more recent edition of the standard.

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.

29.2.6.4 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}
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29.2.7 Indicator

29.2.7.1 PlusOrMinusIndicator

Definition: Indicates a positive or negative value.

Type: Indicator

Meaning When True: Plus

Meaning When False: Minus

29.2.7.2 TrueFalseIndicator

Definition: A flag indicating a True or False value.

Type: Indicator

Meaning When True: True

Meaning When False: False

29.2.8 Quantity

29.2.8.1 DecimalNumber

Definition: Number of objects represented as a decimal number, for example 0.75 or 45.6.

Type: Quantity

Format

totalDigits	18
fractionDigits	17

29.2.8.2 Number

Definition: Number of objects represented as an integer.

Type: Quantity

Format

totalDigits	18
fractionDigits	0

29.2.8.3 PositiveNumber

Definition: Number of objects represented as a positive integer.

Type: Quantity

Format

minInclusive	1
totalDigits	18
fractionDigits	0

29.2.9 Rate

29.2.9.1 BaseOneRate

Definition: Rate expressed as a decimal, for example, 0.7 is 7/10 and 70%.

Type: Rate

Format

totalDigits	11
fractionDigits	10
baseValue	1.0

29.2.9.2 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

29.2.10 Text

29.2.10.1 Exact3AlphaNumericText

Definition: Specifies an alphanumeric string with a length of exact 3 characters.

Type: Text

Format

pattern	[a-zA-Z0-9]{3}
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29.2.10.2 Exact3NumericText

Definition: Specifies a numeric string with an exact length of 3 digits.

Type: Text

Format

pattern	[0-9]{3}
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29.2.10.3 Exact4NumericText

Definition: Specifies a numeric string with an exact length of 4 digits.

Type: Text

Format

pattern	[0-9]{4}
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29.2.10.4 Max1025Text

Definition: Specifies a character string with a maximum length of 1025 characters.

Type: Text

Format

minLength	1
maxLength	1025

29.2.10.5 Max104Text

Definition: Specifies a character string with a maximum length of 104 characters.

Type: Text

Format

minLength	1
maxLength	104

29.2.10.6 Max10Text

Definition: Specifies a character string with a maximum length of 10 characters.

Type: Text

Format

minLength	1
maxLength	10

29.2.10.7 Max11NumericText

Definition: Specifies a numeric string with a maximum length of 11 digits.

Type: Text

Format

pattern	[0-9]{1,11}
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29.2.10.8 Max140Text

Definition: Specifies a character string with a maximum length of 140 characters.

Type: Text

Format

minLength	1
maxLength	140

29.2.10.9 Max15NumericText

Definition: Specifies a numeric string with a maximum length of 15 digits.

Type: Text

Format

pattern	[0-9]{1,15}
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29.2.10.10 Max16Text

Definition: Specifies a character string with a maximum length of 16 characters.

Type: Text

Format

minLength	1
maxLength	16

29.2.10.11 Max19NumericText

Definition: Specifies a numeric string with a maximum length of 19 digits.

Type: Text

Format

pattern	[0-9]{1,19}
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29.2.10.12 Max20000Text

Definition: Specifies a character string with a maximum length of 20, 000 characters.

Type: Text

Format

minLength	1
maxLength	20000

29.2.10.13 Max256Text

Definition: Specifies a character string with a maximum length of 256 characters.

Type: Text

Format

minLength	1
maxLength	256

29.2.10.14 Max2NumericText

Definition: Specifies a numeric string with a maximum length of 2 digits.

Type: Text

Format

pattern	[0-9]{1,2}
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29.2.10.15 Max30Text

Definition: Specifies a character string with a maximum length of 30 characters.

Type: Text

Format

maxLength	30
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29.2.10.16 Max350Text

Definition: Specifies a character string with a maximum length of 350 characters.

Type: Text

Format

minLength	1
maxLength	350

29.2.10.17 Max35NumericText

Definition: Specifies a numeric string with a maximum length of 35 digits.

Type: Text

Format

pattern	[0-9]{1,35}
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29.2.10.18 Max35Text

Definition: Specifies a character string with a maximum length of 35 characters.

Type: Text

Format

minLength	1
maxLength	35

29.2.10.19 Max37Text

Definition: Specifies a character string with a maximum length of 37 characters.

Type: Text

Format

minLength	1
maxLength	37

29.2.10.20 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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29.2.10.21 Max3Text

Definition: Specifies a character string with a maximum length of 3 characters.

Type: Text

Format

minLength	1
maxLength	3

29.2.10.22 Max45Text

Definition: Specifies a character string with a maximum length of 45 characters.

Type: Text

Format

minLength	1
maxLength	45

29.2.10.23 Max500Text

Definition: Specifies a character string with a maximum length of 500 characters.

Type: Text

Format

minLength	1
maxLength	500

29.2.10.24 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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29.2.10.25 Max6Text

Definition: Specifies a character string with a maximum length of 6 characters.

Type: Text

Format

minLength	1
maxLength	6

29.2.10.26 Max70Text

Definition: Specifies a character string with a maximum length of 70characters.

Type: Text

Format

minLength	1
maxLength	70

29.2.10.27 Max76Text

Definition: Specifies a character string with a maximum length of 76 characters.

Type: Text

Format

minLength	1
maxLength	76

29.2.10.28 Max8000Text

Definition: Specifies a character string with a maximum length of 8000 characters.

Type: Text

Format

minLength	1
maxLength	8000

29.2.10.29 Max8Text

Definition: Specifies a character string with a maximum length of 8 characters.

Type: Text

Format

minLength	1
maxLength	8

29.2.10.30 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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29.2.10.31 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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29.2.10.32 Min2Max3NumericText

Definition: Specifies a numeric string with a minimum length of 2 digits, and a maximum length of 3 digits.

Type: Text

Format

pattern	[0-9]{2,3}
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29.2.10.33 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

29.2.10.34 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

29.2.10.35 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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29.2.10.36 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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